Electrolux

Distriparts

SERVICE MANUAL

COOKING

Built-in ovens

ACCESS TO THE ACCESS PLUS STRUCTURE

© ELECTROLUX HOME PRODUCTS
Corso Lino Zanussi, 30
I - 33080 PORCIA /PN (ITALY)

Fax +39 0434 394096

Publication number
599 70 59-01

IT/SERVICE/FV

SOI

Edition: 02.2010 - Rev. 02

CONTENTS

1 - INTRODUCTION---------- page 6

1.1 - PURPOSE OF THIS MANUAL ---------- page 6

2 - ELECTRIC / ELECTRONIC OVENS ---------- page 6

2.1 - DISMANTLING THE BUILT-IN OVEN ---------- page 6

2.2 - DISCONNECTING FROM THE POWER SUPPLY ---------- page 7

2.3 - REMOVING THE CONTROL PANEL ---------- page 7
2.3.1 - REMOVING THE BEARING CONTROL PANEL---------- page 7
2.3.2 - REMOVING THE CONTROL PANEL WITH NORMAL STYLING SUPPORT---------- page 9
2.3.2.1 - REMOVING THE GLASS FRONT PANEL ---------- page 9
2.3.2.2 - REMOVING THE PROGRAMMER ---------- page 12
2.3.2.3 - REMOVING THE INDICATOR LIGHTS ---------- page 12
2.3.2.4 - REPOSITIONING THE GLASS FRONT PANEL ---------- page 13
2.3.2.5 - REMOVING THE CONTROL COMPONENTS ---------- page 18
2.3.3 - REMOVING THE CONTROL PANEL WITH POP-IN/POP-OUT STYLING SUPPORT---------- page 19

2.4 - REMOVING THE REAR PANEL (various components and lampholder)---------- page 25
2.4.1 - REAR VIEW OF NORMAL OVEN ---------- page 25
2.4.2 - REAR VIEW OF ELECTRONIC PYROLYTIC OVEN ---------- page 26
2.4.3 - REAR VIEW OF ELECTROMECHANICAL PYROLYTIC OVEN---------- page 27
2.4.4 - REMOVING THE TERMINAL BOARD---------- page 28
2.4.4.1 - 3-POLE TERMINAL BOARD ---------- page 28
2.4.4.2 - 5-POLE TERMINAL BOARD ---------- page 29
2.4.4.3 - ELECTRIC CONNECTIONS TO TERMINAL BOARD ---------- page 29
2.4.5 - REMOVING THE TOP HEATING ELEMENT ---------- page 30
2.4.6 - REMOVING THE BOTTOM HEATING ELEMENT ---------- page 31
2.4.7 - REMOVING THE SPIT MOTOR---------- page 31
2.4.8 - REMOVING THE CONVECTION FAN MOTOR WITH SCREWS ---------- page 32
2.4.9 - REMOVING THE CONVECTION FAN MOTOR WITH SNAP-ON JOINT ---------- page 32
2.4.10 - REMOVING THE CONVECTION FAN BLADE ---------- page 35
2.4.11 - ACCESS TO THE FAN BLADE AND THE CONVECTION HEATING ELEMENT ---------- page 35
2.4.12 - REMOVING THE LAMPHOLDER ---------- page 36
2.4.13 - REMOVING THE DOOR LOCK ON PYROLYTIC MODELS ---------- page 37
2.4.13.1 - “METEOR" DOOR LOCK ---------- page 37
2.4.13.2 - “ELTEK" DOOR LOCK ---------- page 37

2.5 - REMOVING THE FRONT SEAL ---------- page 38
2.5.1 - REMOVING THE FRONT SEAL ON NORMAL OVENS ---------- page 38
2.5.2 - REMOVING THE FRONT SEAL ON PYROLYTIC OVENS ---------- page 39

2.6 - UPPER PANELS (control components and boards) ---------- page 40
2.6.1 - NEW ONE-PIECE OVEN COVER ---------- page 40
2.6.2 - UPPER PANEL (control components and boards) ---------- page 41
2.6.2.1 - NORMAL ELECTROMECHANICAL VERSION ---------- page 41
2.6.2.2 - ELECTROMECHANICAL PYRO VERSION ---------- page 43
2.6.2.3 - NORMAL ELECTRONIC VERSION ---------- page 44
2.6.2.4 - ELECTRONIC PYRO VERSION ---------- page 45
2.6.2.5 - NORMAL ELECTROMECHANICAL VERSION WITH HOB CONTROLS ---------- page 46
2.6.2.6 - ELECTRONIC PYRO VERSION WITH HOB CONTROLS ---------- page 47
2.6.2.7 - NORMAL AVANTGARDE ELECTRONIC VERSION ---------- page 48
2.6.2.8 - AVANTGARDE ELECTRONIC PYRO VERSION ---------- page 49
2.6.2.9 - NORMAL VISION ELECTRONIC VERSION ---------- page 50
2.6.2.10 - VISION ELECTRONIC PYRO VERSION ---------- page 51
2.6.3 - UPPER PANEL (fan and safety thermostat)---------- page 52
2.6.3.1 - REMOVING THE TANGENTIAL FAN ON ELECTROMECHANICAL VERSION WITH HOB CONTROLS ---------- page 52

2.6.3.2 - NEW METAL TANGENTIAL FAN INSTEAD OF THE ONE WITH THE PLASTIC BODY ---------- page 54
2.6.3.2 - REMOVING THE TANGENTIAL FAN ON ELECTRONIC VERSION WITH HOB CONTROLS ---------- page 55
2.6.3.3 - REMOVING THE TANGENTIAL FAN ON ELECTRONIC PYRO VERSION ---------- page 56
2.6.3.4 - REMOVING THE TANGENTIAL FAN ON ELECTROMECHANICAL PYRO VERSION ---------- page 57
2.6.3.5 - REMOVING THE TANGENTIAL FAN ON ELECTRONIC PYRO VERSION WITH HOB CONTROLS ---------- page 58
2.6.3.6 - REMOVING THE TANGENTIAL FAN ON NORMAL AVANTGARDE ELECTRONIC VERSION ---------- page 59
2.6.3.7 - REMOVING THE TANGENTIAL FAN ON AVANTGARDE ELECTRONIC PYRO VERSION ---------- page 60
2.6.3.8 - REMOVING THE TANGENTIAL FAN ON NORMAL VISION ELECTRONIC VERSION ---------- page 61
2.6.3.9 - REMOVING THE TANGENTIAL FAN ON VISION ELECTRONIC PYRO VERSION ---------- page 62

2.7 - REMOVING THE NORMAL OVEN DOOR ---------- page 63
2.7.1 - REMOVING THE DOOR EXTERNAL GLASS NORMAL OVEN ---------- page 64
2.7.2 - REMOVING THE DOOR HANDLE NORMAL OVEN ---------- page 65
2.7.3 - REMOVING THE CENTRAL GLASS ON TRIPLE-GLASS DOOR ---------- page 65

2.8 - REMOVING THE "ALL GLASS" PYROLYTIC OVEN DOOR ---------- page 66
2.8.1 - REMOVING THE UPPER END PIECES ON "ALL GLASS" DOOR ---------- page 67
2.8.2 - REMOVING THE "ALL GLASS" PYRO OVEN DOOR INTERNAL GLASS ---------- page 70
2.8.3 - REMOVING THE "ALL GLASS" PYRO OVEN DOOR HANDLE ---------- page 71
2.8.4 - REMOVING THE "ALL GLASS" PYRO OVEN DOOR HINGES ---------- page 72

2.9 - REMOVING THE "METAL-GLASS" PYROLYTIC OVEN DOOR ---------- page 74
2.9.1 - REMOVING THE "METAL-GLASS" PYRO DOOR EXTERNAL GLASS ---------- page 75
2.9.2 - REMOVING THE "METAL-GLASS" PYRO DOOR INTERNAL GLASS ---------- page 77
2.9.3 - REMOVING THE "METAL-GLASS" PYRO OVEN DOOR HANDLE ---------- page 80
2.9.4 - REMOVING THE "METAL-GLASS" PYRO OVEN DOOR HINGES ---------- page 80

2.10 - REMOVING THE "PLASTIC" OVEN DOOR ---------- page 81
2.10.1 - REMOVING THE "PLASTIC" OVEN DOOR INTERNAL GLASS ---------- page 83
2.10.2 - REMOVING THE "PLASTIC" OVEN DOOR HANDLE ---------- page 85
2.10.3 - REMOVING THE GLASS RETAINER HOOKS ON "PLASTIC" OVEN DOOR ---------- page 86
2.10.4 - REMOVING THE "PLASTIC" OVEN DOOR HINGES ---------- page 86

2.11 - REMOVING THE "HINGED" OVEN DOOR ---------- page 87
2.11.1 - POSITION OF HINGES AND DOOR LOCK ---------- page 87
2.11.2 - POSITION OF HINGE FIXING SCREWS ---------- page 88
2.11.3 - REMOVING THE FRONT PANEL SCREW ---------- page 88
2.11.4 - VIEW OF THE HINGE FIXING SCREWS ---------- page 88
2.11.5 - REMOVING THE UPPER HINGE ---------- page 89
2.11.6 - VIEW OF DOOR REMOVAL ---------- page 89
2.11.7 - EXTRACTING THE UPPER END PIECES ---------- page 90
2.11.8 - VIEW OF THE UPPER END PIECE ---------- page 90
2.11.9 - REMOVING THE DOOR INTERNAL GLASS ---------- page 91
2.11.10 - REMOVING THE LOWER END PIECES ---------- page 91
2.11.11 - EXTRACTING THE LOWER END PIECES ---------- page 92
2.11.12 - VIEW OF THE LOWER END PIECE ---------- page 93

2.12 - ADJUSTING THE "HINGED" DOOR ALIGNMENT ---------- page 94
2.12.1 - LOOSENING THE FIXING SCREWS ---------- page 94
2.12.2 - DOOR ALIGNMENT ADJUSTMENT SCREW ---------- page 95

2.13 - MANUAL DOOR RELEASE IN PYROLYTIC OVENS ---------- page 97
2.13.1 - POSITION OF THE LOCK HOLE ON MODELS WITH TRADITIONAL OPENING AND LEFT "HINGED" DOOR ---------- page 97
2.13.2 - POSITION OF THE LOCK HOLE ON MODELS WITH RIGHT "HINGED" DOOR ---------- page 98
2.13.3 - RELEASE ON MODELS WITH “METEOR" DOOR LOCK ---------- page 98
2.13.4 - RELEASE ON MODELS WITH “ELTEK” DOOR LOCK ---------- page 99

2.14 - THERMAL GLAZING---------- page 100

2.15 - REMOVING THE FRONT PANEL ON NORMAL OVENS ---------- page 101

2.16 - REMOVING THE FRONT PANEL ON PYROLYTIC OVENS ---------- page 104

2.17 - GAS HOB SECTION WITH FLEXIBLE PIPES ---------- page 109
2.17.1 - HOB EXTENSION ---------- page 109
2.17.2 - REMOVING THE CONTROL PROTECTION BOX---------- page 110
2.17.3 - REMOVING THE TANGENTIAL FAN PROTECTION BOX--------- page 111
2.17.4 - REMOVING THE TANGENTIAL COOLING FAN---------- page 113
2.17.5 - REMOVING THE GAS SUPPLY PIPES ---------- page 114
2.17.6 - REMOVING THE GAS RAMP---------- page 115
2.17.7 - REMOVING THE HOB ASSEMBLY ---------- page 116
2.17.8 - REMOVING THE GAS COCKS---------- page 117
2.17.9 - REMOVING THE IGNITION MICRO ASSEMBLY---------- page 118

3 - STEAM OVENS---------- page 119

3.1 - REMOVING THE TANK + STEAM GENERATOR ASSEMBLY ---------- page 119

3.2 - REMOVING THE “REED” LEVEL INDICATOR SWITCHES ---------- page 122

3.3 - REPOSITIONING THE “REED” LEVEL INDICATOR SWITCHES -------- page 124

3.4 - REMOVING THE WATER TANK ---------- page 125

3.5 - REMOVING THE WATER FILLER DRAWER AND CONTROL COMPONENTS---------- page 127

3.6 - WATER DRAIN VALVE ---------- page 129

3.7 - ACCESSING THE TEMPERATURE SENSOR IN ELECTRONIC MODELS ---------- page 132

3.8 - ACCESSING THE CONVECTION FAN---------- page 133

4 - ELECTRONIC GAS OVENS ---------- page 136

4.1 - REMOVING THE CONTROL PANEL ---------- page 136

4.2 - REMOVING THE REAR PANEL (various components and lampholder) ---------- page 137
4.2.1 - REMOVING THE TERMINAL BOARD---------- page 137
4.2.2 - REMOVING THE GRILL HEATING ELEMENT---------- page 137
4.2.3 - REMOVING THE SPIT MOTOR---------- page 137
4.2.4 - UPPER PANELS (control components and boards)---------- page 138
4.2.5 - REMOVING THE GAS SOLENOID VALVE ASSEMBLY ---------- page 139

4.3 - REMOVING THE OVEN BURNER---------- page 140

4.4 - REMOVING THE OVEN BURNER NOZZLE ---------- page 140

5 - ORGANISATION OF ACCESS PLUS SERVICE MANUALS ---------- page 141

6 - REVISIONS ---------- page 142

1 - INTRODUCTION

1.1 - PURPOSE OF THIS MANUAL

The purpose of this Manual is to provide a general outline of the methods of accessing the various versions of ACCESS PLUS ovens. These accessibility descriptions set out the procedures for removing the components. Follow the same steps in the reverse order to reposition the components.

2 - ELECTRIC / ELECTRONIC OVENS

2.1 - DISMANTLING THE BUILT-IN OVEN

WARNING: Always disconnect the appliance from the power socket before accessing internal parts.

Access to certain components is possible by pulling the oven partially out of the compartment **(*)**. With the oven partially pulled out, the service engineer can access the components in the front panel and electronic control unit; for access to the other components located in the rear section, it is necessary to remove the built-in oven completely from its compartment.
To remove the oven:

1. Remove the 4 screws, located at the front of the front panel, which secure the appliance to the compartment (see Fig. 1 and 2)

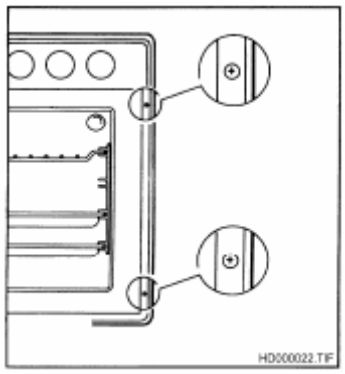


Fig. 1

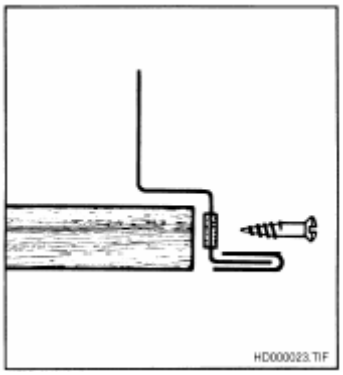


Fig. 2

2. Remove the oven (see Fig. 3).

Fig. 3

(*) N.B.: From January 2010 (serial number **001….**) access to the top of the oven has improved thanks to the progressive introduction of a one-piece top oven cover (see chapter 2.6.1).

2.2 - DISCONNECTING FROM THE POWER SUPPLY

WARNING: Before accessing any of the components inside the oven, it is essential to disconnect the oven from the power supply by removing the plug from the power socket or by turning the main switch on the domestic circuit (if featured) to "OFF".

2.3 - REMOVING THE CONTROL PANEL

2.3.1 - REMOVING THE BEARING CONTROL PANEL

In order to remove the control panel (front panel), firstly remove the knobs and knob caps (where featured).

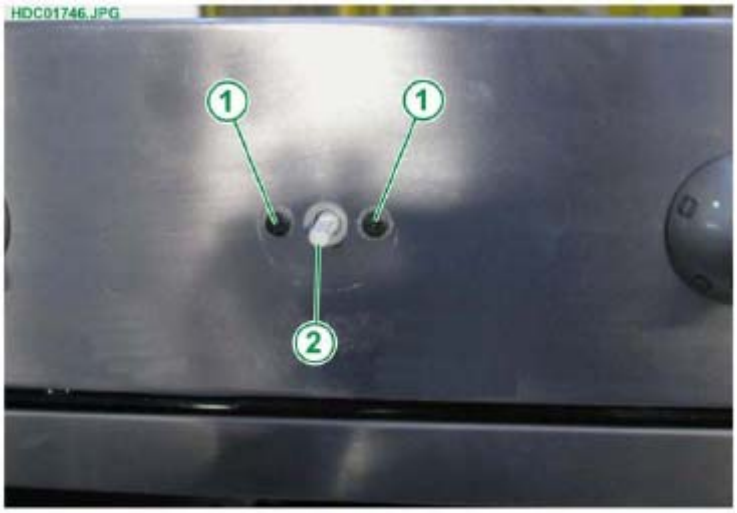
1. Remove the upper panel (see chapter 2.6.2 on page 41).
2. Slide the knobs off the control components.

Fig. 4

Remove the control component knobs.

Fig. 5

1 - FIXING SCREWS FOR COMPONENT.
2 - CONTROL PIN FOR COMPONENT.



3. Remove the fixing screws for the control components.
4. Slide the indicator lights out of the front panel towards the inside.

Fig. 6

1 - FIXING SCREWS FOR COMPONENT.
2 - BEARING FRONT PANEL.

5. Remove the two rear screws which secure the front panel in place (see Fig. 7).

Fig. 7

1 - FIXING SCREW FOR FRONT PANEL (ONE ON EACH SIDE).

2.3.2 - REMOVING THE CONTROL PANEL WITH PANEL SUPPORT NORMAL STYLING

Fig. 8

Example of styling with glass front panel

2.3.2.1 - REMOVING THE GLASS FRONT PANEL

To remove the glass front panel:
1. Slide off the control knobs.

Fig. 9

2. Slide off the programmer buttons.

Fig. 10

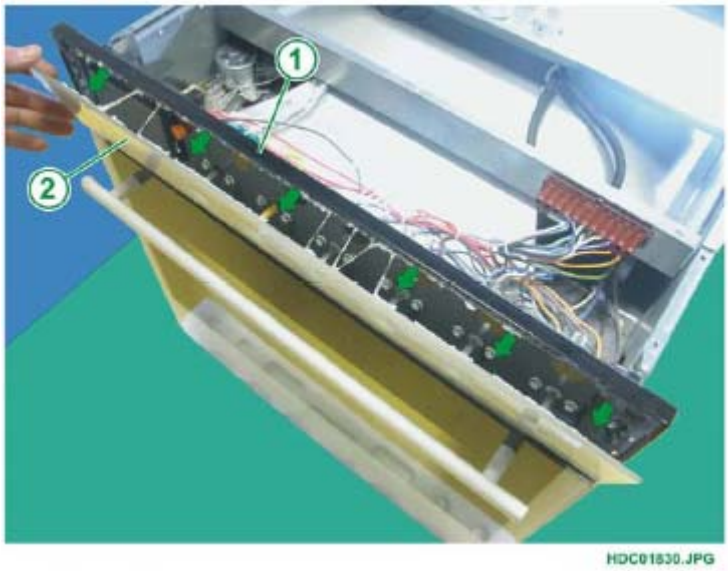
3. Cut the double-sided adhesive tape on the front panel at the top using a knife (see Fig. 11).

Fig. 11

4. Detach the front panel at the top (see Fig. 12).

Fig. 12

1 - PANEL SUPPORT
2 - GLASS FRONT PANEL



5. Cut the double-sided adhesive tape on the front panel at the bottom using a knife (see Fig. 13).

Fig. 13

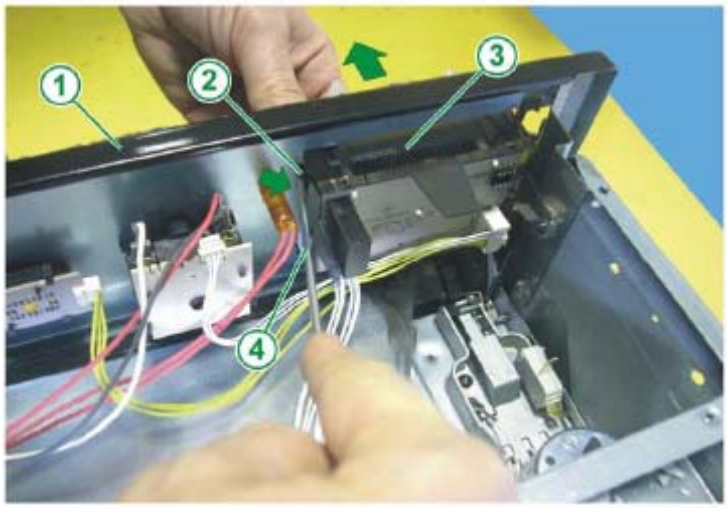
6. Remove the glass front panel.

2.3.2.2 - REMOVING THE PROGRAMMER

The electronic programmer can be accessed once the glass front panel has been removed. To remove the programmer, just pry open the fixing tabs with a screwdriver and extract the programmer from the front side (see Fig. 14).

Fig. 14

1 - CONTROL PANEL SUPPORT
2 - FIXING TAB
3 - ELECTRONIC PROGRAMMER
4 - PHILIPS SCREWDRIVER



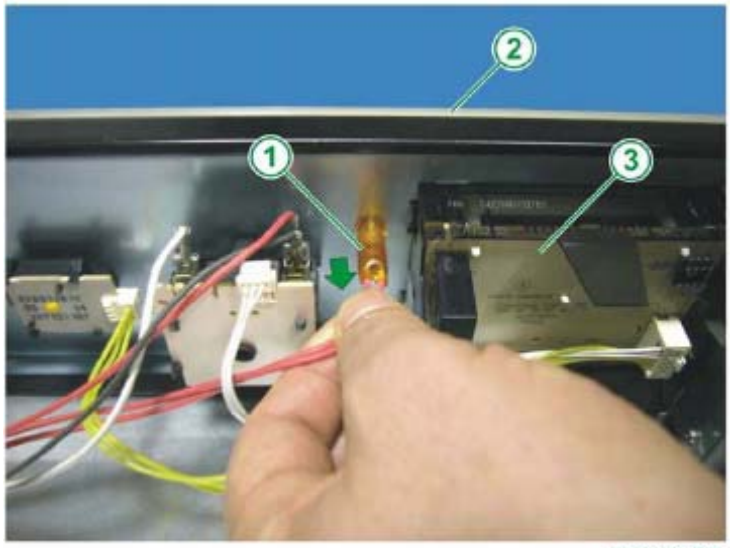
HDC01832.JPG

2.3.2.3 - REMOVING THE INDICATOR LIGHTS

To remove the indicator lights, after removing the upper panel, slide them out from the internal part of the oven (see Fig. 15).

Fig. 15

1 - INDICATOR LIGHT
2 - CONTROL PANEL SUPPORT
3 - ELECTRONIC PROGRAMMER



HDC01853.JPG

2.3.2.4 - REPOSITIONING THE GLASS FRONT PANEL

To reposition the glass front panel:

1. Wipe off any of the old double-sided adhesive tape residue from the control panel support using a cloth (use some solvent if necessary (see Fig. 16 and 17).

Fig. 16

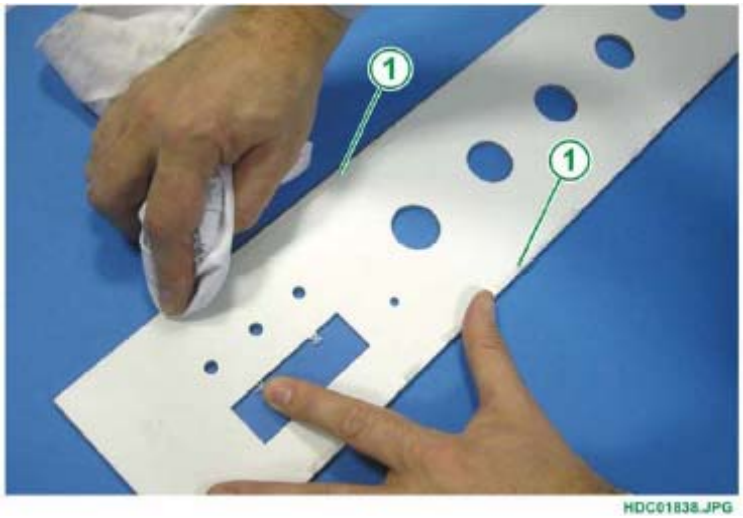
1 - OLD DOUBLE-SIDED TAPE RESIDUE

Fig. 17

2. If the old glass front panel is being repositioned, you will need to wipe off any double-sided adhesive tape residue that may have built up on the internal side of the front panel (see Fig. 18).

Fig. 18

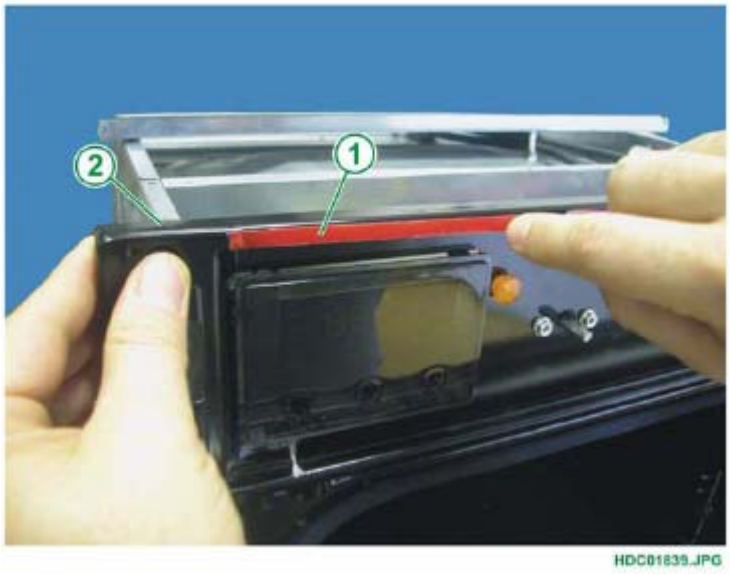
1 - OLD DOUBLE-SIDED TAPE RESIDUE



3. Glue the double-sided adhesive tape (part no. 358199008/6) onto the top of the front panel support (see Fig. 19).

Fig. 19

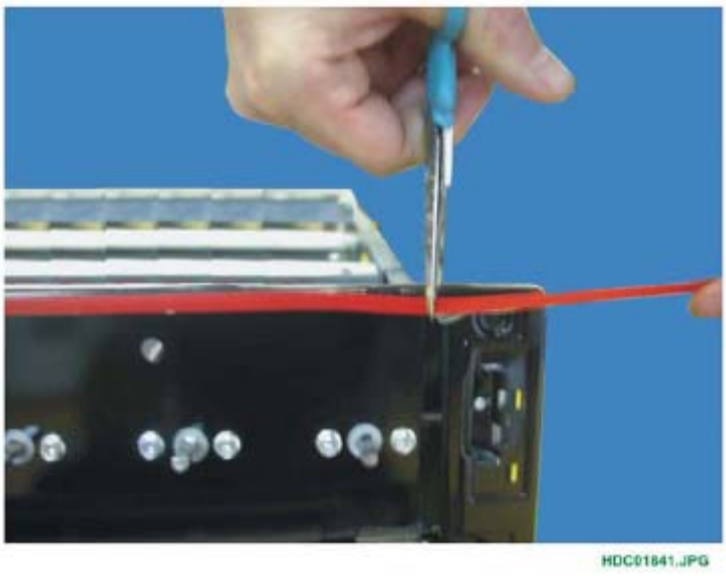
1 - DOUBLE-SIDED ADHESIVE TAPE PART NO.358199008/6
2 - PANEL SUPPORT



4. Cut a 50 cm long piece of double-sided adhesive tape (see Fig. 20 and 21)

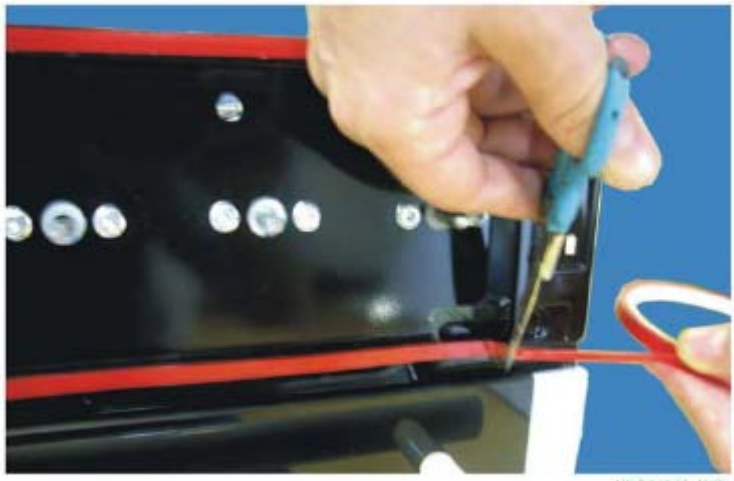
Fig. 20

Fig. 21



5. Glue and cut the double-sided adhesive tape at the bottom of the control panel support as at the top (see Fig. 22).

Fig. 22



6. Remove the protective film from the double-sided tape positioned at the top and bottom of the control panel support (see Fig. 23).

Fig. 23

7. Glue the front panel to the control panel support, making sure you position it correctly so that the side edges of the front panel coincide with the control panel support (see Fig. 24).

Fig. 24

NOTE: In the models with knobs and buttons, to facilitate the correct positioning of the positioning of the front panel, it is possible to insert some of the knobs and buttons, and these can serve as a guide for positioning the front panel itself (see Fig. 25).

Fig. 25

HDC01845.JPG

8. Once you have glued the front panel, you need to exert some pressure with your hands, evenly, at the top and bottom of the front panel in order to facilitate perfect adherence (see Fig. 26 and 27).

Fig. 26

HDC01846.JPG

Fig. 27

HDC01847.JPG

9. Replace the control knobs and the programmer buttons.

Fig. 28

Fig. 29

2.3.2.5 - REMOVING THE CONTROL COMPONENTS

To remove one of the control components, simply:

1. Remove the upper panel.
2. Slide off the control knobs.
3. Unscrew the component fixing screws from the front (see Fig. 30 and 31).

Fig. 30

1 - FIXING SCREWS FOR THE ENERGY REGULATOR
2 - PIN FOR THE KNOB

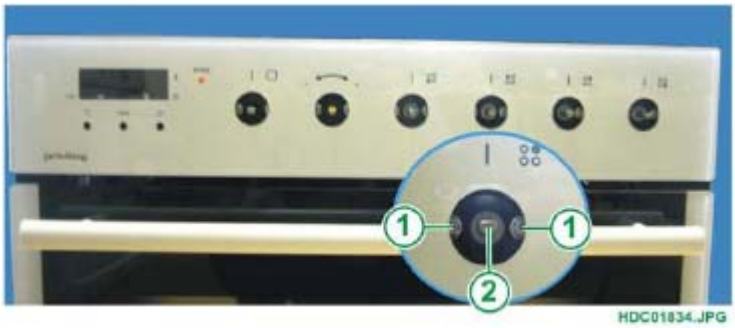
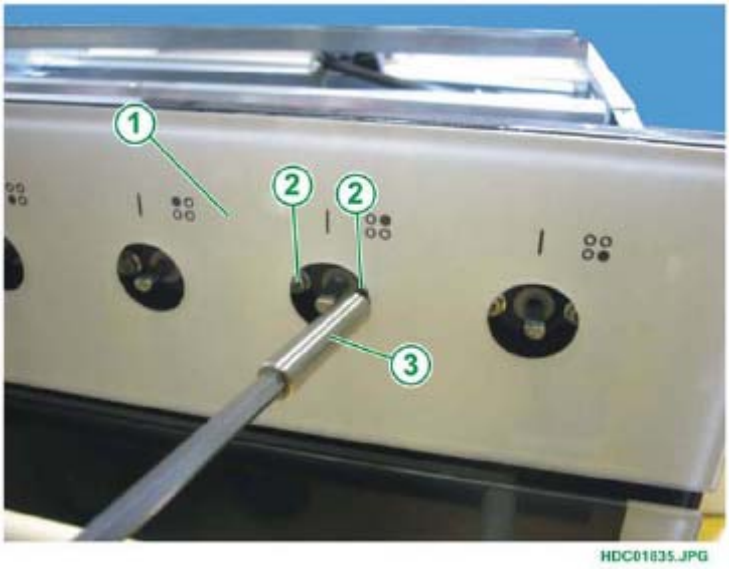


Fig. 31

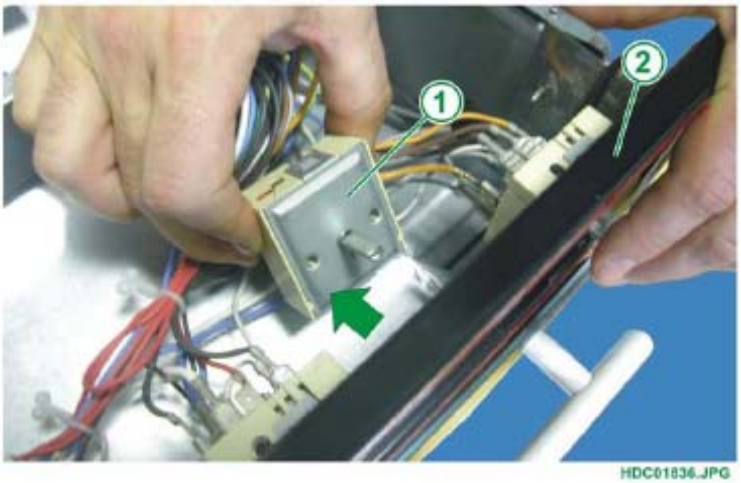
1 - CONTROL PANEL
2 - FIXING SCREW FOR THE ENERGY REGULATOR
3 - TORX SCREWDRIVER



4. Extract the component from the rear (see Fig. 32).

Fig. 32

1 - ENERGY REGULATOR
2 - PANEL SUPPORT FOR CONTROL PANEL



2.3.3 - REMOVING THE CONTROL PANEL WITH POP-IN/POP-OUT STYLING SUPPORT

In order to remove the control panel (front panel), firstly remove the upper panel (see chapter 2.6).

1. Remove the two screws which secure the control panel assembly in place (see Fig. 33).

Fig. 33

1 - FIXING SCREW FOR FRONT PANEL (ONE ON EACH SIDE).

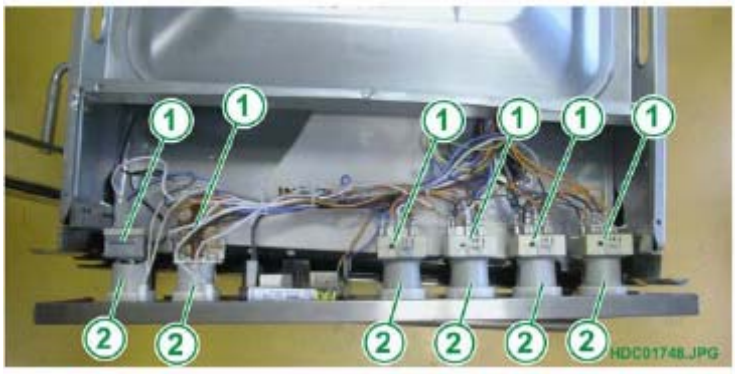


Fig. 34

1 - CONTROL COMPONENTS
2 - CONTROL COMPONENT SUPPORT

N.B.: From January 2010 (serial number **001….**) access to the top of the oven has improved thanks to the progressive introduction of a new one-piece top oven cover (see chapter 2.6.1).

2. Slide off the control knobs by pulling them outwards.

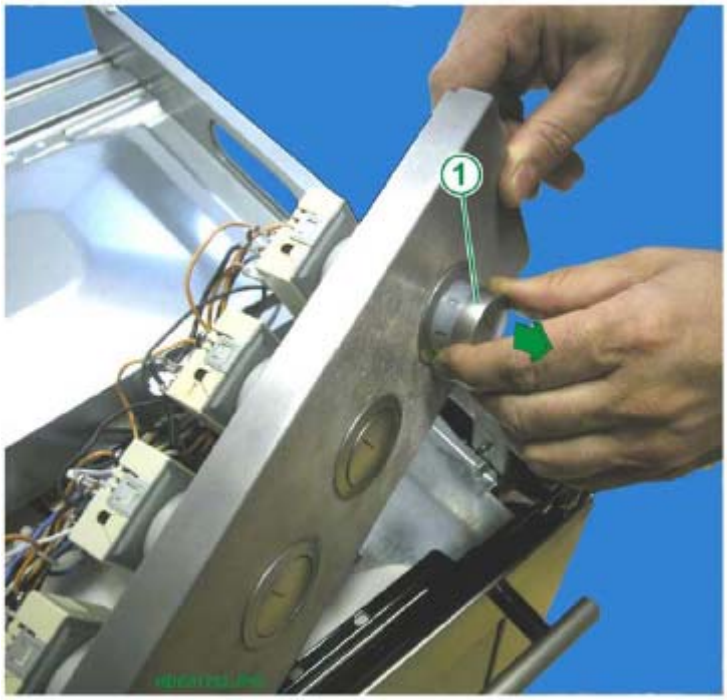


Fig. 35

1 - POP-IN/
POP-OUT KNOB

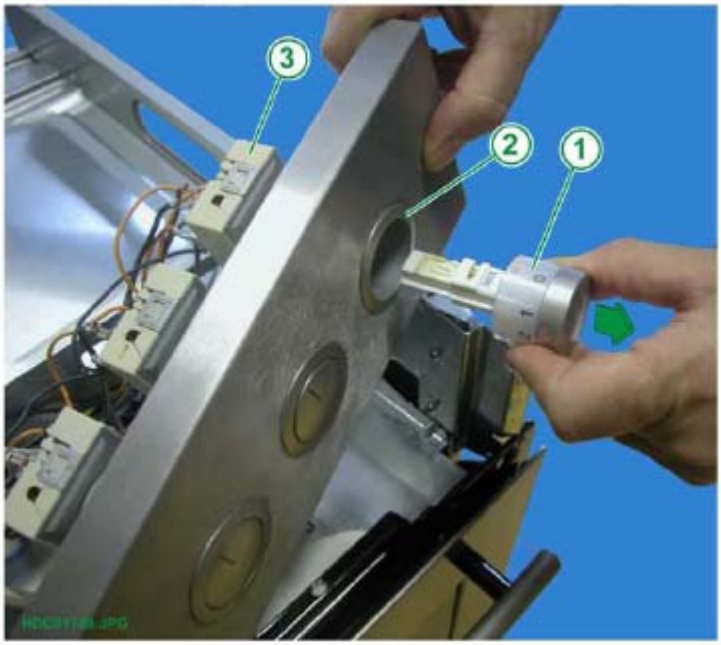


Fig. 36

1 - POP-IN/
POP-OUT KNOB
2 - CONTROL
COMPONENT
SUPPORT
3 - CONTROL
COMPONENT
(ENERGY
REGULATOR).

3. The screws of the control components are now accessible.

Fig. 37

1 - FIXING SCREWS FOR THE CONTROL COMPONENT.
2 - PIN FOR THE COMPONENT KNOB.

4. Slide the washers off from the knob control pins (in the models where featured).

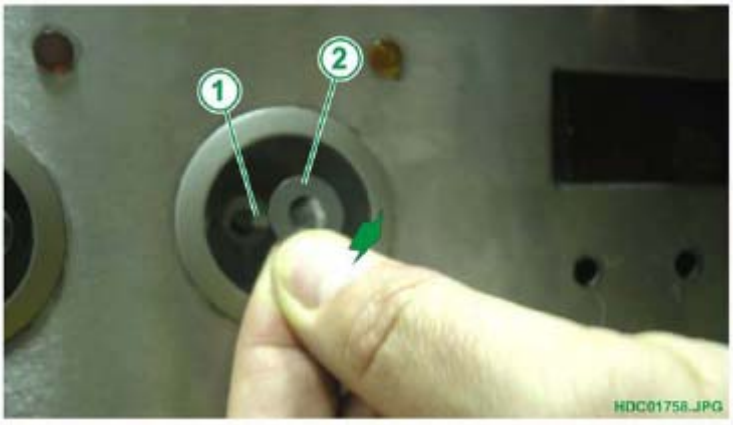


Fig. 38

1 - PIN FOR THE COMPONENT KNOB.
2 - WASHER.

5. Remove the screws of the control components (switches, energy regulators, thermostat; two for each component, see Fig. 39) that secure the component to the related support.

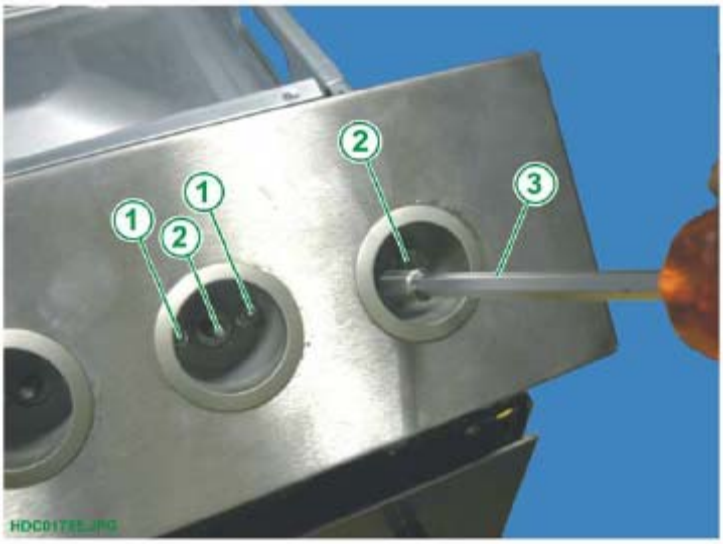


Fig. 39

1 - FIXING SCREWS FOR THE CONTROL COMPONENT.
2 - PIN FOR THE COMPONENT KNOB.
3 - TORX SCREWDRIVER.

6. Remove the pop-in/pop-out knob support ferrules by turning them anti-clockwise (see Fig. 40 and 41).

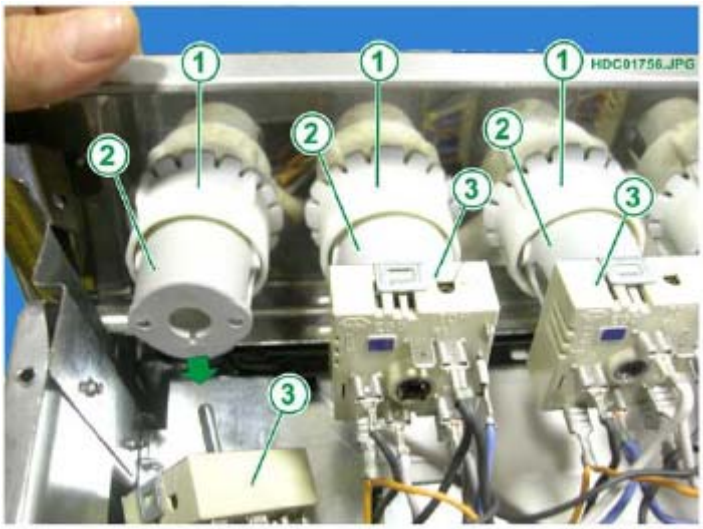


Fig. 40

1 - SUPPORT COMPONENT FIXING FERRULE.
2 - CONTROL COMPONENT SUPPORT.
3 - CONTROL COMPONENT (ENERGY REGULATOR)

Fig. 41

7. Slide off the control component supports from the front.

Fig. 42

8. Slide off the programmer buttons, where featured.

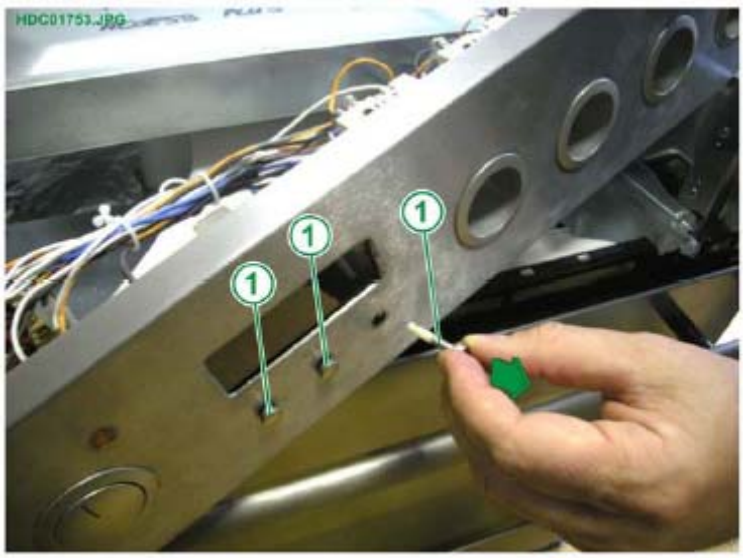


Fig. 43

1 - PROGRAMMER BUTTONS

9. Remove the two programmer fixing screws, where featured.

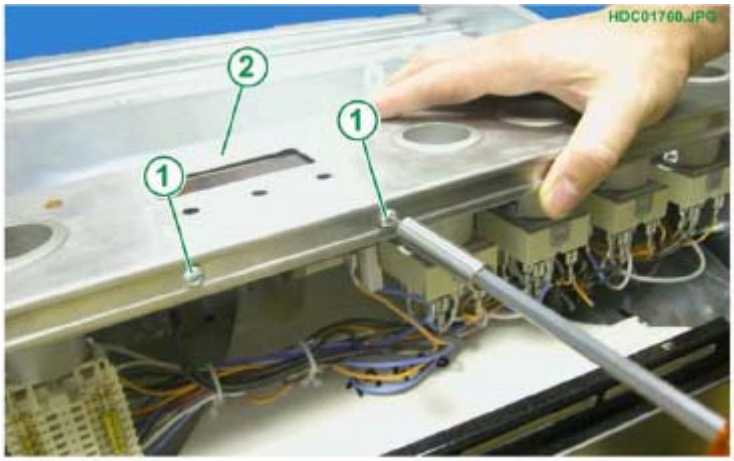


Fig. 44

1 - PROGRAMMER FIXING SCREWS
2 - CONTROL PANEL

10. Extract the programmer assembly (in the models where featured).

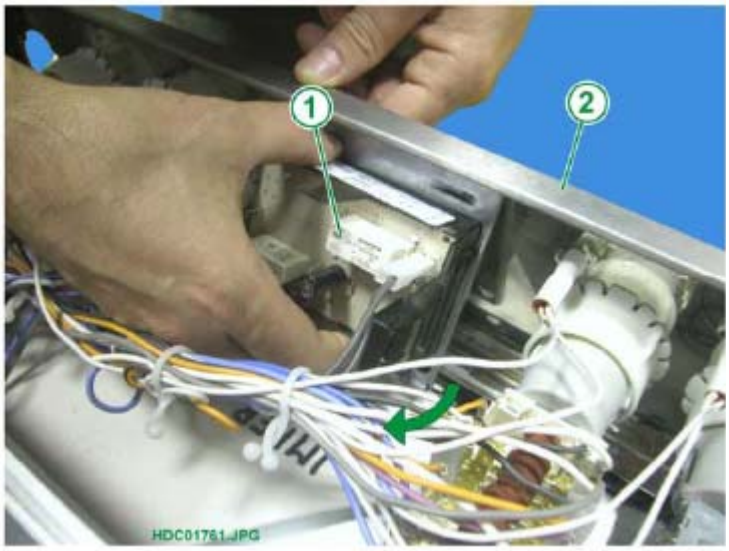
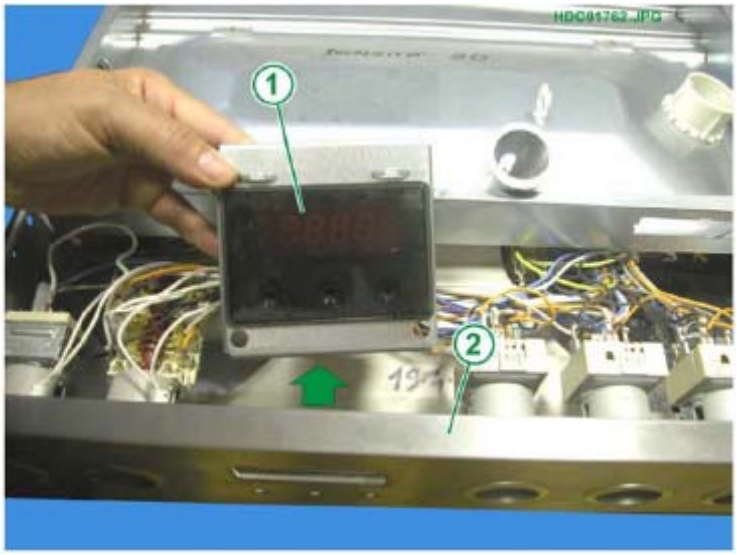


Fig. 45

1 - PROGRAMMER ASSEMBLY
2 - CONTROL PANEL

Fig. 46

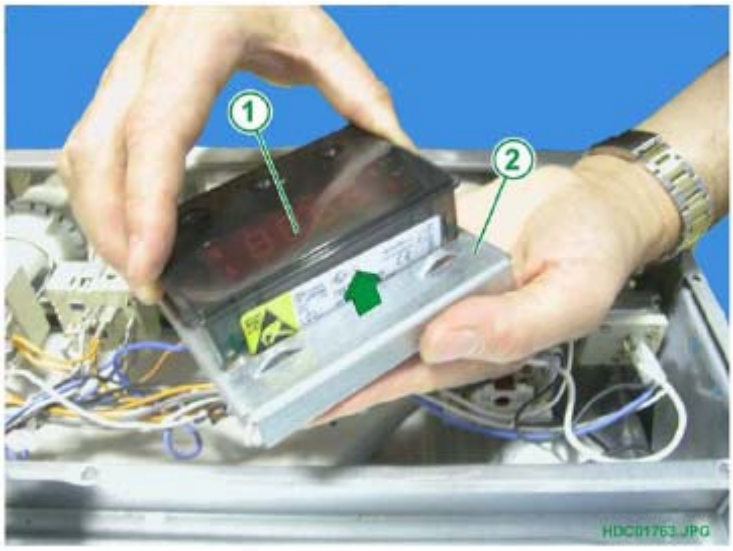
1 - PROGRAMMER ASSEMBLY
2 - CONTROL PANEL



NOTE: To replace the programmer, it is necessary to release it from the related fixing bracket where it is slotted in place.

Fig. 47

1 - PROGRAMMER
2 - PROGRAMMER SUPPORT BRACKET



11. Slide out the indicator lights from the front panel.

Follow the above steps in the reverse order to reposition them.

2.4 - REMOVING THE REAR PANEL (various components and lampholder)

In order to remove the rear panel, simply remove the two upper screws.
Once the rear panel has been removed, the following components are accessible: the lampholder, the various heating elements, the convection fan motor and the terminal board with cable clamp.

2.4.1 - REAR VIEW OF NORMAL OVEN

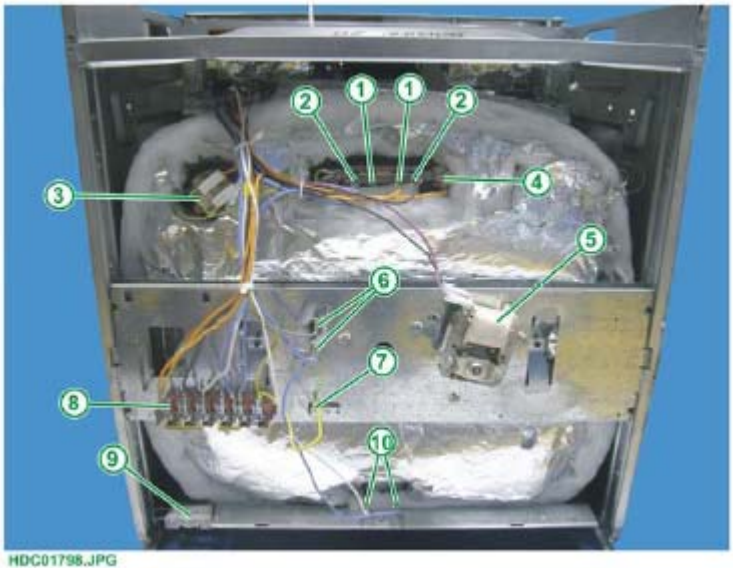


Fig. 48

1 - GRILL HEATING ELEMENT
2 - TOP PANEL HEATING ELEMENT
3 - LAMPHOLDER
4 - COOLING FAN CONTROL THERMOSTAT
5 - CONVECTION FAN
6 - CONVECTION HEATING ELEMENT
7 - EARTH CONNECTION
8 - TERMINAL BOARD
9 - CABLE CLAMP
10 - BOTTOM HEATING ELEMENT

2.4.2 - REAR VIEW OF ELECTRONIC PYROLYTIC OVEN

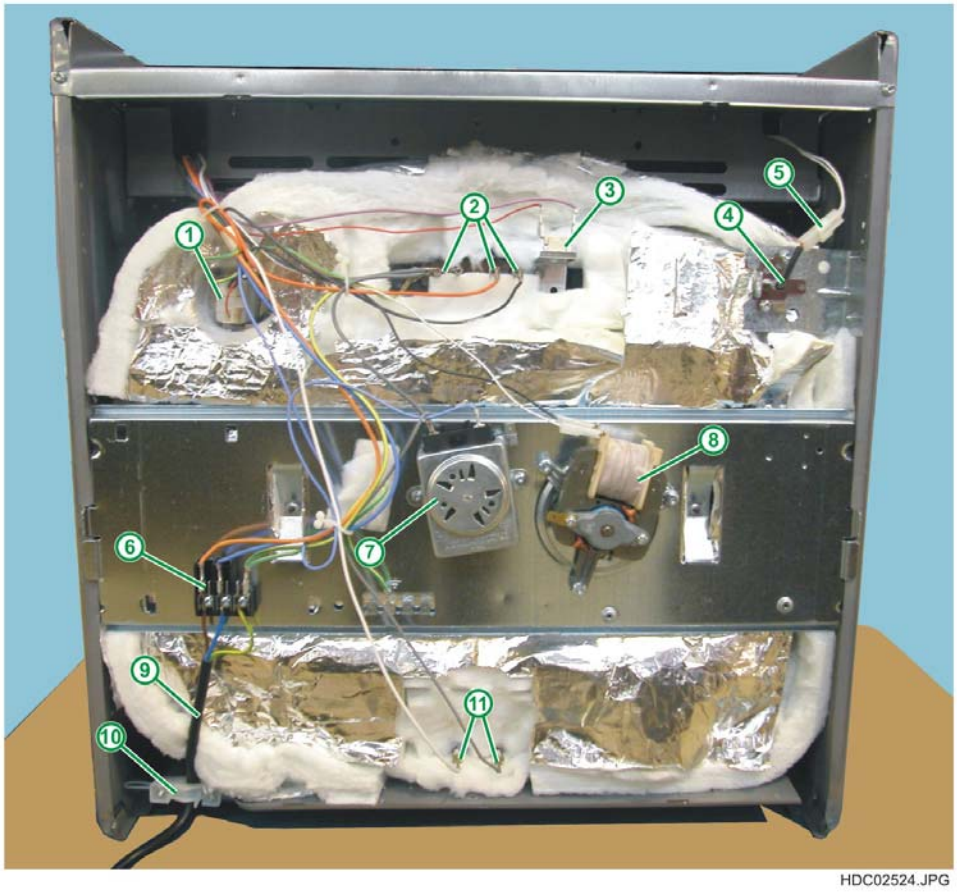
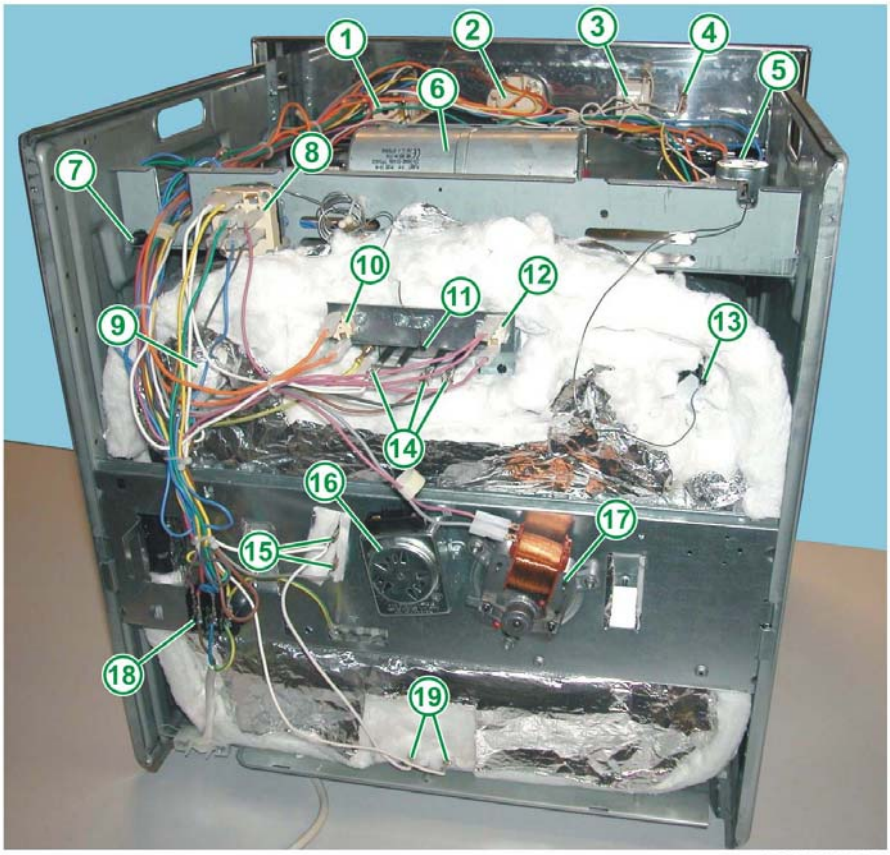


Fig. 49

1 - LAMPHOLDER
2 - ELECTRICAL CONTACTS OF GRILL-TOP HEATING ELEMENT
3 - DOOR LOCK SAFETY THERMOSTAT
4 - TEMPERATURE SENSOR PT500
5 - SENSOR CONNECTOR
6 - TERMINAL BOARD
7 - SPIT MOTOR
8 - CONVECTION MOTOR
9 - POWER SUPPLY CABLE
10 - CABLE CLAMP
11 - ELECTRICAL CONTACTS OF BOTTOM HEATING ELEMENT

2.4.3 - REAR VIEW OF ELECTROMECHANICAL PYROLYTIC OVEN



HDC02519.JPG

Fig. 50

1 - FUNCTION SELECTOR
2 - TIMER
3 - OVEN THERMOSTAT
4 - THERMOSTAT INDICATOR LIGHT
5 - DOOR LOCK
6 - COOLING FAN
7 - FACTORY TEST BUTTON / SERVICE
8 - PYROLYSIS MULTIPLE THERMOSTAT
9 - LAMPHOLDER
10 - FAN THERMOSTAT
11 - PYROLYSIS THERMOSTAT SENSOR
12 - DOOR LOCK SAFETY THERMOSTAT
13 - OVEN THERMOSTAT SENSOR
14 - ELECTRICAL CONTACTS OF GRILL-TOP HEATING ELEMENT
15 - ELECTRICAL CONTACTS OF CONVECTION HEATING ELEMENT
16 - SPIT MOTOR
17 - CONVECTION MOTOR
18 - TERMINAL BOARD
19 - ELECTRICAL CONTACTS OF BOTTOM HEATING ELEMENT

2.4.4 - REMOVING THE TERMINAL BOARD

The terminal board for the electrical connections is pressure-fitted into its housing.
To remove the terminal board, use a screwdriver to pry open the anchor tab (see Fig. 51 and Fig. 53).

2.4.4.1 - 3-POLE TERMINAL BOARD

Fig. 51

1 - TERMINAL BOARD
2 - ANCHOR TAB

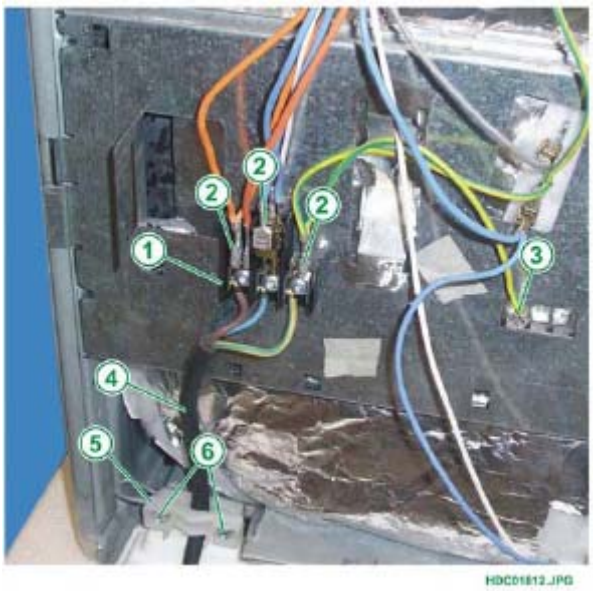


Fig. 52

1 - TERMINAL BOARD
2 - ELECTRICAL CONNECTIONS (see Fig. 55)
3 - EARTH CONNECTION
4 - POWER SUPPLY CABLE
5 - CABLE CLAMP
6 - FIXING SCREWS FOR CABLE CLAMP

2.4.4.2 - 5-POLE TERMINAL BOARD

Fig. 53

1 - TERMINAL BOARD
2 - ANCHOR TAB

Fig. 54

1 - ELECTRICAL CONNECTIONS (see Fig. 55)
2 - TERMINAL BOARD
3 - EARTH CONNECTION

2.4.4.3 - ELECTRIC CONNECTIONS TO TERMINAL BOARDS

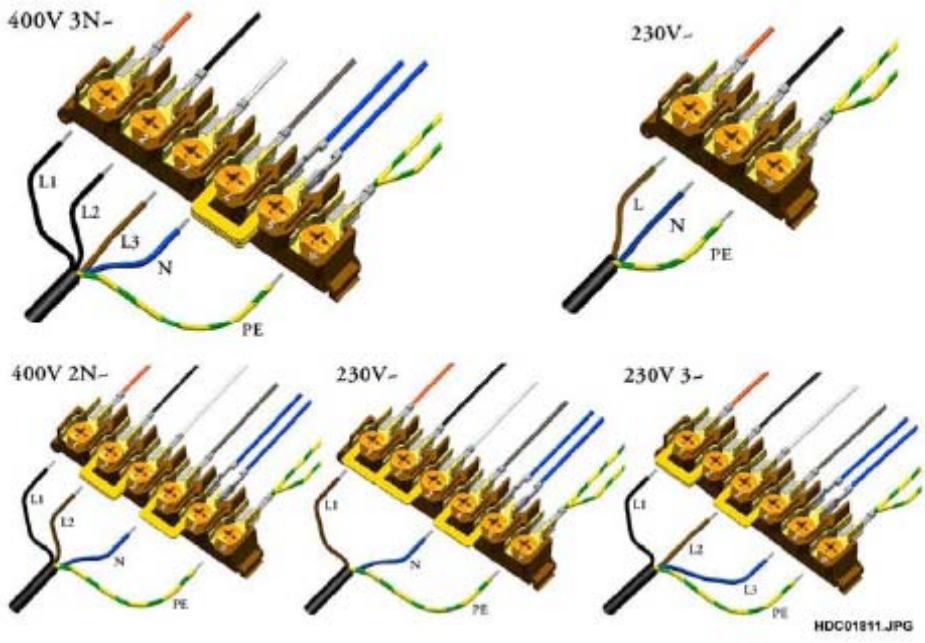


Fig. 55

2.4.5 - REMOVING THE TOP HEATING ELEMENT

The top heating element (top panel/grill) is positioned at the top inside the oven liner
To remove the top heating element, once you have removed the oven from its housing and removed the rear panel:
- Remove the fixing screw from the upper internal part of the oven liner (see Fig. 56 Pos. 2).
- Remove the two fixing screws from the rear internal part of the oven liner (see Fig. 56 Pos. 3) keeping the nuts situated at the rear of the oven (see Fig. 57 Pos. 2).
- Detach the connection cables situated at the rear of the oven (see Fig. 57 Pos. 4).
- Slide the heating element out from the inside the oven.

Fig. 56

1 - TOP/GRILL HEATING ELEMENT
2 - UPPER FIXING SCREW FOR THE HEATING ELEMENT
3 - REAR FIXING SCREWS FOR THE HEATING ELEMENT

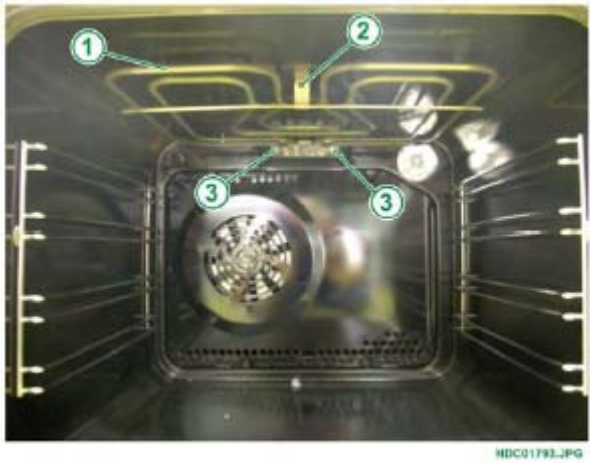
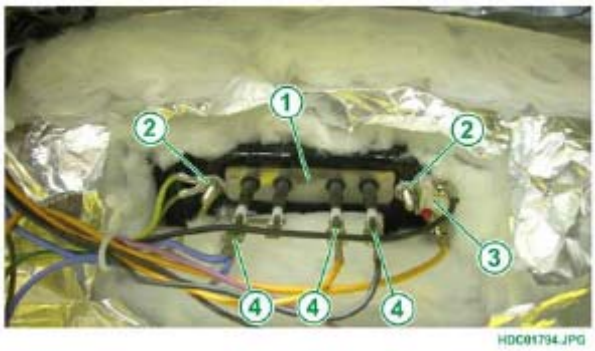


Fig. 57

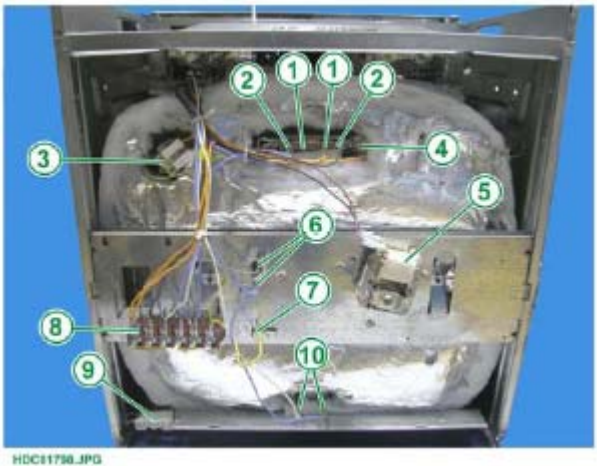
1 - TOP/GRILL HEATING ELEMENT
2 - FIXING SCREWS FOR THE HEATING ELEMENT
3 - SAFETY THERMOSTAT
4 - CONNECTING WIRES FOR THE HEATING ELEMENT



2.4.6 - REMOVING THE BOTTOM HEATING ELEMENT

To remove the bottom heating element, once you have removed the rear panel:
1. Detach the connection cables from the bottom heating element

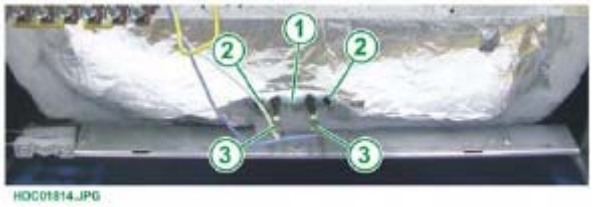
Fig. 58



1 - GRILL HEATING ELEMENT
2 - TOP HEATING ELEMENT
3 - LAMPHOLDER
4 - TERMINAL BOARD
5 - CONVECTION FAN
6 - CONVECTION HEATING EARTH CONNECTION
8 - TERMINAL BOARD
9 - CABLE CLAMP
10 - BOTTOM HEATING ELEMENT

2. Unfasten the fixing screws from the rear.

Fig. 59



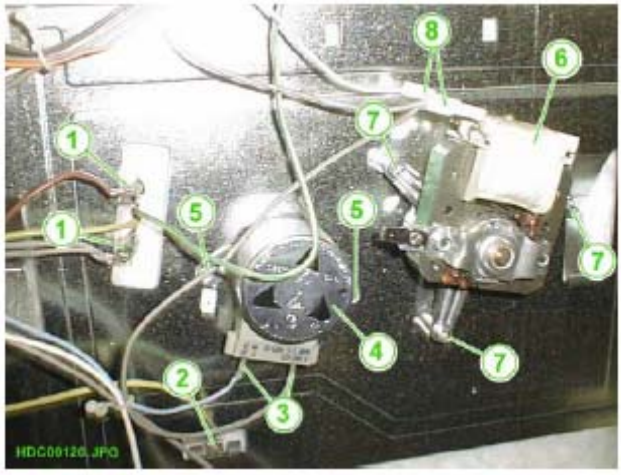
1 - BOTTOM HEATING ELEMENT
2 - FIXING SCREWS FOR THE BOTTOM HEATING ELEMENT
3 - ELECTRICAL CONNECTIONS FOR THE HEATING ELEMENT

3. Slide the heating element out from the rear.

2.4.7 - REMOVING THE SPIT MOTOR

In order to remove the spit motor, simply unscrew the two fixing screws (see Fig. 60 Pos. 5).

Fig. 60



1 - CONVECTION HEATING ELEMENT
2 - EARTH CONNECTION
3 - SPIT MOTOR CONNECTION
4 - SPIT MOTOR
5 - FIXING SCREWS FOR SPIT MOTOR
6 - CONVECTION FAN
7 - FIXING SCREWS FOR CONVECTION FAN
8 - CONVECTION FAN CONNECTION

2.4.8 - REMOVING THE CONVECTION FAN MOTOR WITH SCREWS

To remove the convection fan motor:

1 - Remove the convection fan from inside the oven (see Fig. 67).
2 - Detach the connection wires, marking their position.
3 - Remove the three fixing screws securing the fan in place (Fig. 60 Pos. 7).

2.4.9 - REMOVING THE CONVECTION FAN MOTOR WITH SNAP-ON JOINT

To remove the convection fan with snap-on joint:

1 - Push the motor anchor tab using a screwdriver (see Fig. 61).
2 - Turn the motor clockwise and extract it (see Fig. 62 and 63)

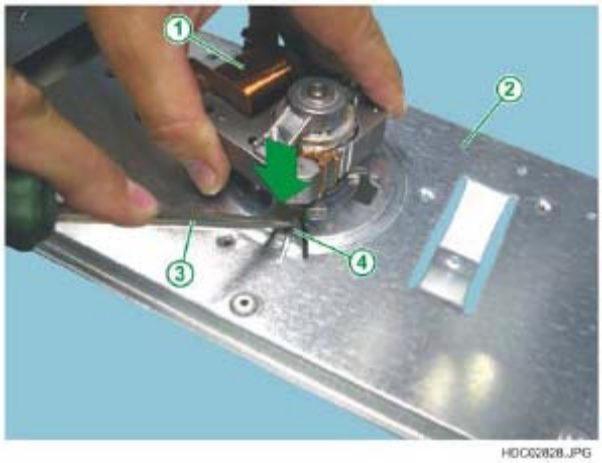


Fig. 61

1 - CONVECTION FAN MOTOR
2 - MOTOR SUPPORT BRACKET POSITIONED AT THE REAR OF THE OVEN
3 - PHILIPS SCREWDRIVER
4 - ANCHOR TAB

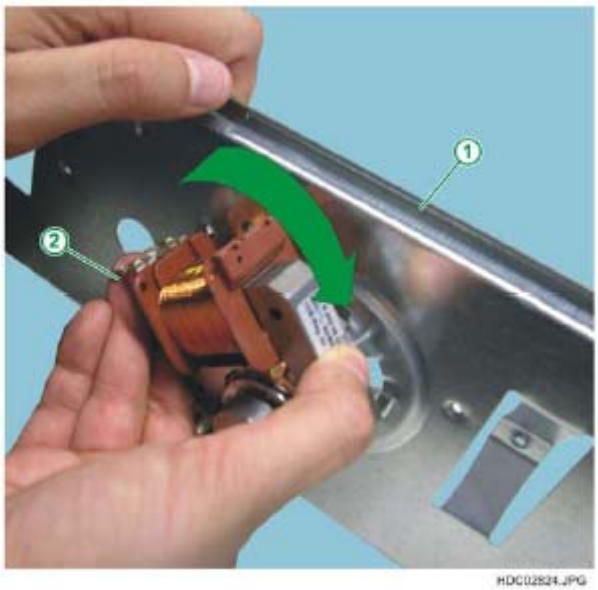


Fig. 62

1 - MOTOR SUPPORT BRACKET POSITIONED AT THE REAR OF THE OVEN
2 - CONVECTION FAN MOTOR

Fig. 63

1 - MOTOR SUPPORT BRACKET POSITIONED AT THE REAR OF THE OVEN
2 - CONVECTION FAN MOTOR

To reposition the convection fan with snap-on joint:

1 - Reposition the anchor tab correctly, lifting it slightly with a Philips screwdriver (see Fig. 64).

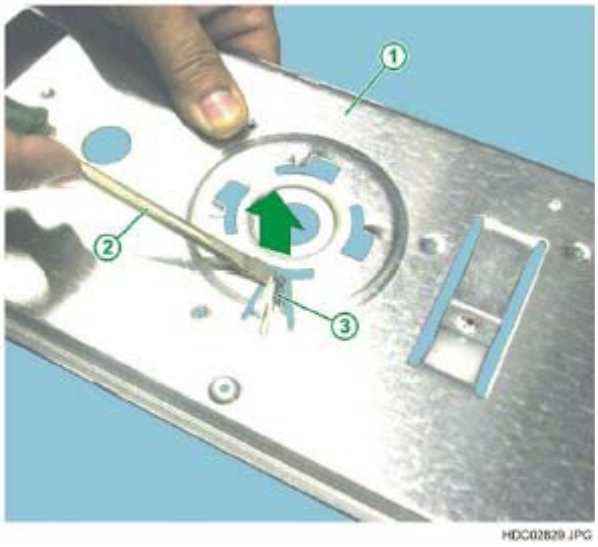


Fig. 64

1 - MOTOR SUPPORT BRACKET POSITIONED AT THE REAR OF THE OVEN
2 - PHILIPS SCREWDRIVER
3 - ANCHOR TAB

2 - Insert the motor into the motor support bracket matching the motor tabs to the purpose-built fixing apertures (see Fig. 65).

Fig. 65

1 - MOTOR SUPPORT BRACKET POSITIONED AT THE REAR OF THE OVEN
2 - CONVECTION FAN MOTOR

3 - Turn the motor anti-clockwise to secure it in place (see Fig. 66).

Fig. 66

1 - MOTOR SUPPORT BRACKET POSITIONED AT THE REAR OF THE OVEN
2 - CONVECTION FAN MOTOR

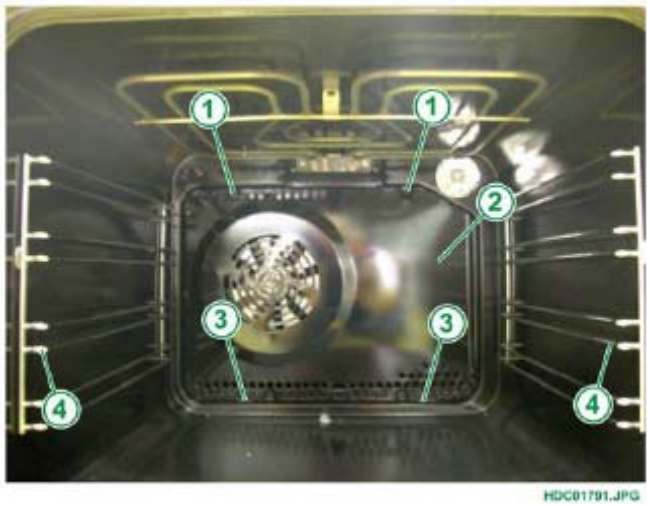
2.4.10 - REMOVING THE CONVECTION FAN BLADE

Proceed as follows to remove the convection fan blade:

- Remove the grids and drip pans from the inside of the oven.
- Remove the oven bottom panel by unscrewing the 2 fixing screws and slide it upwards (see Fig. 67).

Fig. 67

1 - FIXING SCREWS FOR OVEN BOTTOM PANEL
2 - OVEN BOTTOM PANEL
3 - FIXING TABS FOR OVEN BOTTOM PANEL
4 - SIDE GRIDS

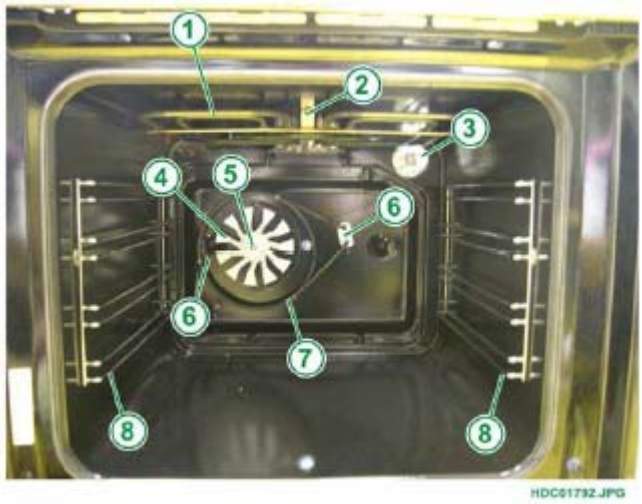


2.4.11 - ACCESS TO THE FAN BLADE AND THE CONVECTION HEATING ELEMENT

Once the oven back panel has been removed, the following components are accessible: the convection fan and the circular convection heating element.

Fig. 68

1 - GRILL/TOP HEATING ELEMENT
2 - FIXING SCREW FOR THE GRILL/TOP HEATING ELEMENT
3 - LAMPHOLDER
4 - CONVECTION FAN
5 - FIXING SCREW FOR THE CONVECTION FAN
6 - FIXING SCREWS FOR THE CONVECTION HEATING ELEMENT
7 - CONVECTION HEATING ELEMENT
8 - SIDE GRIDS



Once you have removed the rear panel, remove the convection heating element:

1 - Detach the connection wires, marking their position (from the rear of the oven) see chapter 2.4 entitled REMOVING THE REAR PANEL.

2 - Remove the two fixing screws (on the inside of the oven) see Fig. 68 Pos. 6.

To remove the convection fan:

1 - Remove the central fixing screw, while holding the fan blade in place
Caution: The fixing screw thread is reversed (anti-clockwise tightening)

2.4.12 - REMOVING THE LAMPHOLDER

To remove the lampholder, once you have removed the rear panel:

1 - With a 3 mm tip screwdriver, detach the connector wires.

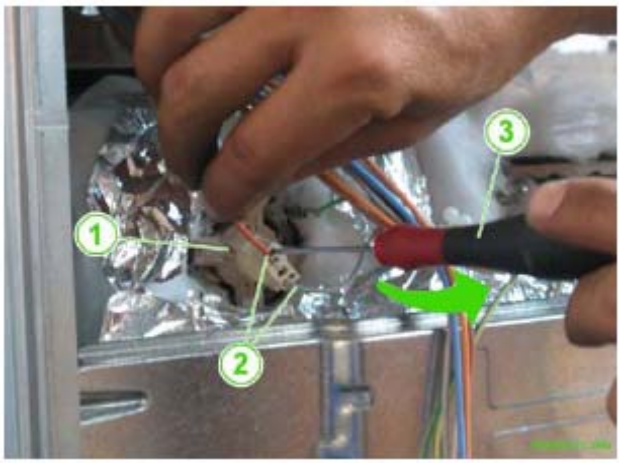


Fig. 69

1 - LAMPHOLDER
2 - CONNECTOR WIRES
3 - 3 mm SCREWDRIVER

2 - Use a normal screwdriver to pry open the fixing tabs and release the lamp-holder, (see Fig. 70).

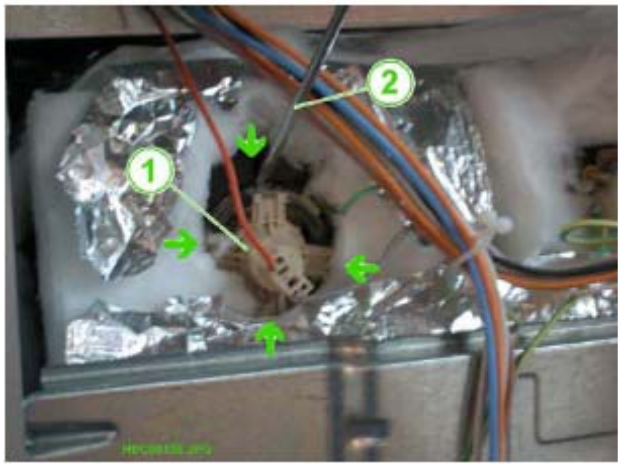


Fig. 70

1 - LAMPHOLDER
2 - SCREWDRIVER FOR PRYING

NOTE : The arrows indicate the presence of the anchor tabs

2.4.13 - REMOVING THE DOOR LOCK ON PYROLYTIC MODELS

To access the door lock, after removing the oven from its compartment, just remove the upper panel and unscrew the two screws on the door lock assembly (see Fig. 71 and 72).

2.4.13.1 - “METEOR” DOOR LOCK

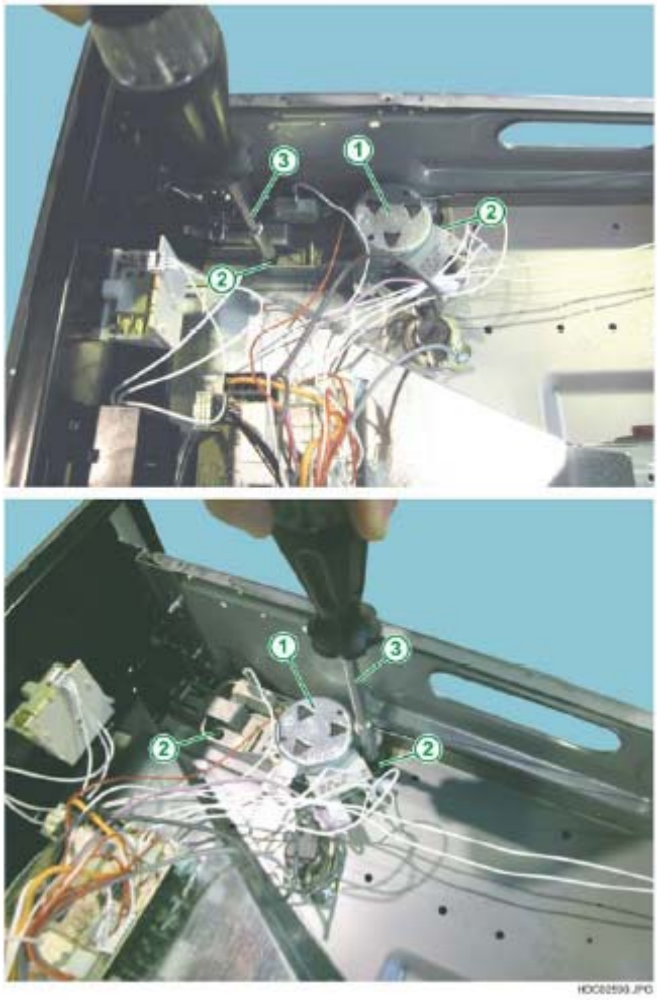


Fig. 71

1 - "METEOR" TYPE DOOR LOCK
2 - FIXING SCREWS FOR DOOR LOCK
3 - TORX SCREWDRIVER

2.4.13.2 - “ELTEK” DOOR LOCK

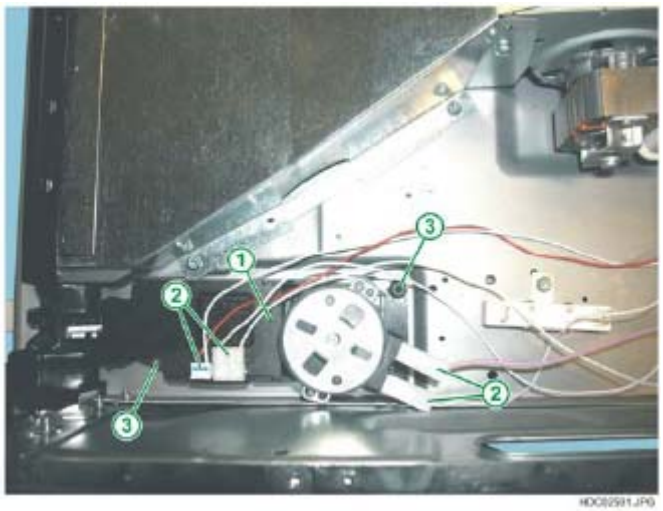


Fig. 72

1 - "ELTEK" TYPE DOOR LOCK
2 - CONNECTORS FOR CONNECTION
3 - FIXING SCREWS

2.5 - REMOVING THE FRONT SEAL

2.5.1 - REMOVING THE FRONT SEAL ON NORMAL OVENS

To remove the front seal, release the 4 fixing screws from the fixing hole, pulling the seal outwards (Fig. 73 and 74).

Fig. 73

FIXING POINTS FOR FRONT SEAL

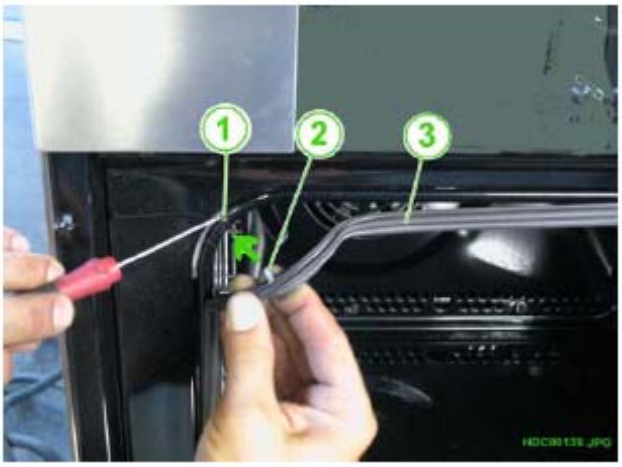


Fig. 74

1 - FIXING HOLE FOR TAB
2 - ANCHOR TAB FOR SEAL
3 - FRONT SEAL

2.5.2 - REMOVING THE FRONT SEAL ON PYROLYTIC OVENS

To remove the front seal, release the 23 anchor tabs on the seal, distributed over the whole front part towards the inside of the front (see Fig. 75), sliding them out of the holes by pulling them outwards.

FIXING POINTS FOR FRONT SEAL

Fig. 75

1 - JOINING POINT OF SEAL

To facilitate the operation, it is advisable to start from the joining point of the seal (see Fig. 75 and 76).

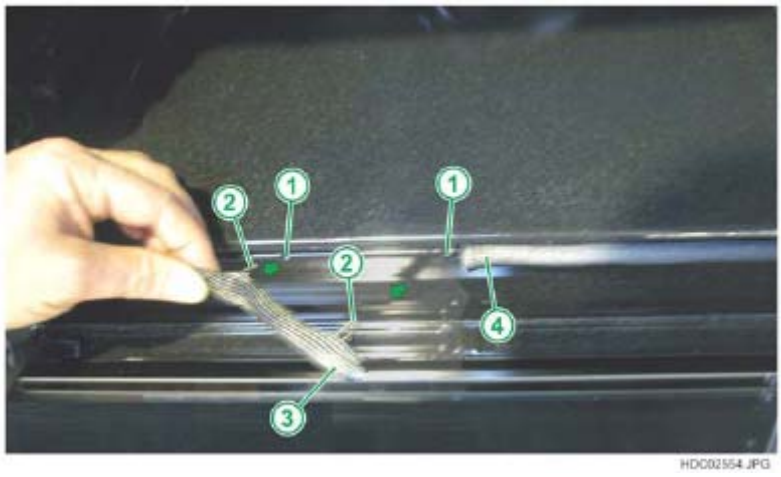


Fig. 76

1 - FIXING HOLE FOR SEAL
2 - SEAL ANCHOR TAB
3 - START OF FRONT SEAL
4 - END OF FRONT SEAL

2.6 - UPPER PANELS (control components and boards)

There are two panels in the upper part.
A panel to access the electronic boards and the control components and a larger panel that covers the tangential cooling fan.

2.6.1 - NEW ONE-PIECE OVEN COVER

From January 2010 (serial no. **001….**) a new one-piece top oven cover will gradually be introduced.

FORMER OVEN COVER
IN TWO PIECES

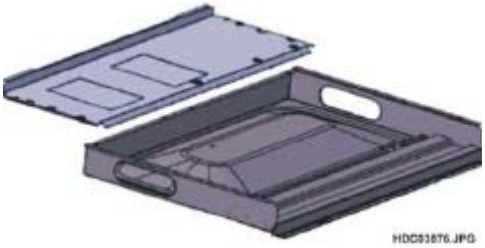


Fig. 77

NEW OVEN COVER
IN ONE PIECE

Fig.78

There will be different fixing points and access to components in the top section of the oven will change.

FORMER SYSTEM FIXING SCREWS

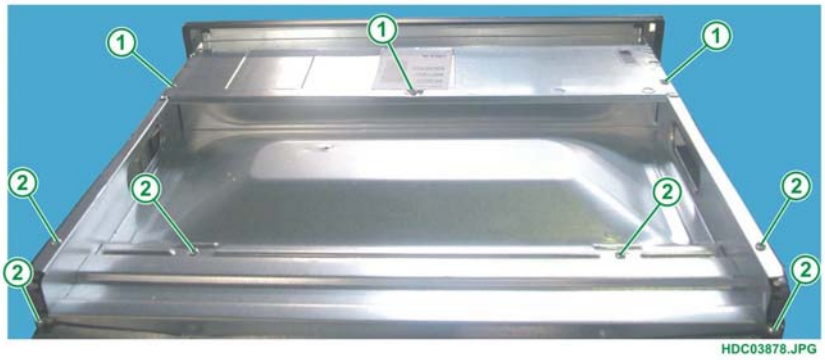


Fig. 79

1 - FIXING SCREWS (FRONT PANEL)
2 - FIXING SCREWS (REAR PANEL)

NEW SYSTEM FIXING SCREWS

Fig. 80

1 - TOP FRONT SCREWS
2 - LEFT SIDE SCREWS
3 - RIGHT SIDE SCREWS
4 - TOP REAR SCREWS
5 - REAR SCREWS

2.6.2 - UPPER PANEL (control components and boards)

Once the upper panel has been removed, the following components are accessible:

- In the electromechanical version, the control components (oven thermostat, function selector, energy regulators, indicator lights, etc.)

- In the electronic version, the electronic boards (Control Unit and power board) and the control components.

2.6.2.1 - NORMAL ELECTROMECHANICAL VERSION

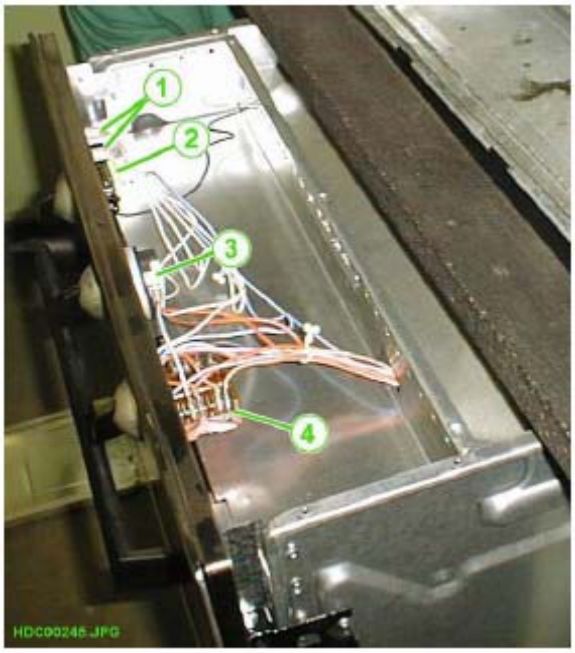
1 - Unfasten the 3 fixing screws on the upper panel

Fig. 81

Upper panel fixing screws

Fig. 82

1 - INDICATOR LIGHTS
2 - OVEN THERMOSTAT
3 - END-OF-COOKING PROGRAMMER
4 - FUNCTION SELECTOR



N.B.: From January 2010 (serial number **001….**) access to the top of the oven has improved thanks to the progressive introduction of a new one-piece top oven cover (see chapter 2.6.1).

When removing a control component: oven thermostat, function selector, end-of-cooking programmer, indicator lights, etc.

1 - Remove the control panel front panel (see chapter 2.3 entitled REMOVING THE CONTROL PANEL).
2 - Detach the connection wires of the component, marking their position.
3 - Remove the fixing screws of the component (see chapter 2.3 entitled REMOVING THE CONTROL PANEL).
4 - Remove the component.

2.6.2.2 - ELECTROMECHANICAL PYRO VERSION

1 - Unfasten the 3 fixing screws on the upper panel

Fig. 83

Upper panel fixing screws

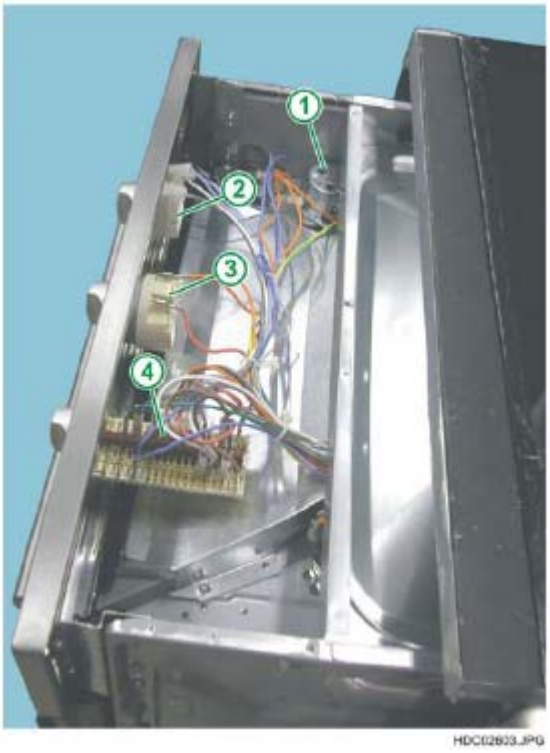


Fig. 84

1 - DOOR LOCK
2 - OVEN THERMOSTAT
3 - END-OF-COOKING PROGRAMMER
4 - FUNCTION SELECTOR

When removing a control component: oven thermostat, function selector, end-of-cooking programmer, indicator lights, etc.

1 - Remove the control panel front panel (see chapter 2.3 entitled REMOVING THE CONTROL PANEL).
2 - Detach the connection wires of the component, marking their position
3 - Remove the fixing screws of the component (see chapter 2.3 entitled REMOVING THE CONTROL PANEL).
4 - Remove the component.

N.B.: From January 2010 (serial number **001….**) access to the top of the oven has improved thanks to the progressive introduction of a new one-piece top oven cover (see chapter 2.6.1).

2.6.2.3 - NORMAL ELECTRONIC VERSION

1 - Unfasten the fixing screws on the upper panel

Fig. 85

Upper panel fixing screws

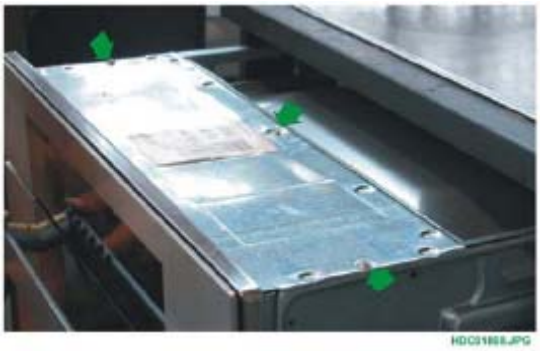
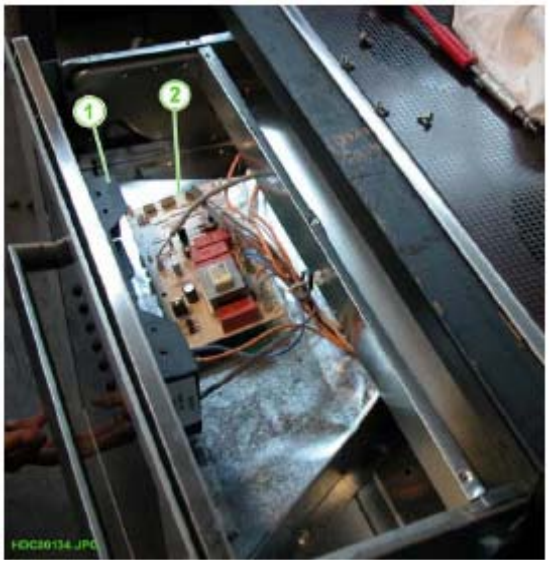


Fig. 86

1 - KRONOS CONTROL UNIT
2 - OVC1000 POWER BOARD

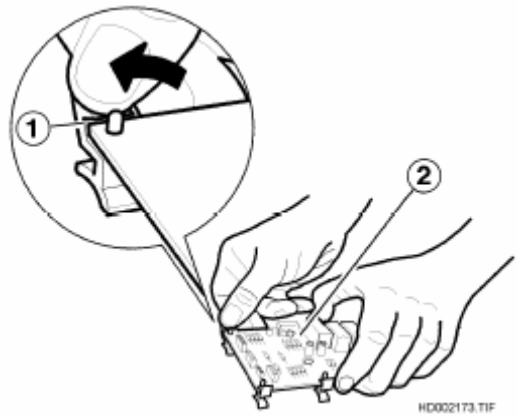


When removing an electronic board:

1 - Detach the connection wires, marking their position
2 - Release the board from the plastic supports (see Fig. 87) for the OVC1000 version, or remove the fixing screws for the OVC2000 version.
3 - Remove the board.

Fig. 87

1 - PLASTIC SUPPORT PINS FIXING THE BOARDS IN PLACE
2 - OVC1000 POWER BOARD



N.B.: From January 2010 (serial number **001….**) access to the top of the oven has improved thanks to the progressive introduction of a new one-piece top oven cover (see chapter 2.6.1).

2.6.2.4 - ELECTRONIC PYRO VERSION

1 - Unfasten the fixing screws on the upper panel

Fig. 88

Upper panel fixing screws

Fig. 89

1 - TEMPERATURE CONTROL POTENTIOMETER
2 - KRONOS CONTROL UNIT
3 - OVC1000 POWER BOARD
4 - FUNCTION SELECTOR
5 - DOOR LOCK

When removing an electronic board:

1 - Detach the connection wires, marking their position
2 - Release the board from the plastic supports (see Fig. 87) for the OVC1000 version, or remove the fixing screws for the OVC2000 version.
3 - Remove the board.

N.B.: From January 2010 (serial number **001….**) access to the top of the oven has improved thanks to the progressive introduction of a new one-piece top oven cover (see chapter 2.6.1).

2.6.2.5 - NORMAL ELECTROMECHANICAL VERSION WITH HOB CONTROLS

In the version with hob controls, after unscrewing the screws of the upper panel, to remove a control component: oven thermostat, function selector, hob energy regulators, indicator lights, etc.

1 - Remove the control panel front panel (see chapter 2.4 entitled REMOVING THE CONTROL PANEL depending on the styling).
2 - Detach the connection wires of the component, marking their position
3 - Remove the fixing screws of the component (see chapter 2.4 entitled REMOVING THE CONTROL PANEL depending on the styling).
4 - Remove the component.

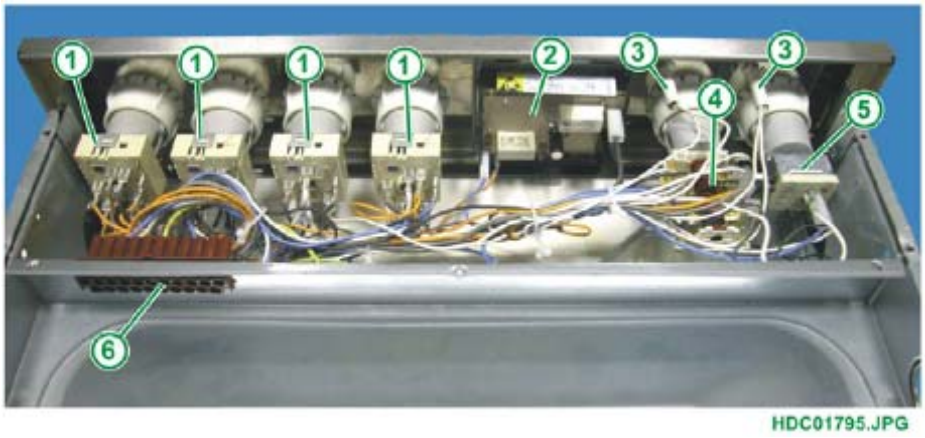


Fig. 90

1 - ENERGY REGULATORS FOR THE HOB
2 - ELECTRONIC PROGRAMMER
3 - INDICATOR LIGHTS
4 - FUNCTION SELECTOR
5 - OVEN THERMOSTAT
6 - CONNECTION CONNECTOR FOR THE HOB

N.B.: From January 2010 (serial number **001….**) access to the top of the oven has improved thanks to the progressive introduction of a new one-piece top oven cover (see chapter 2.6.1).

2.6.2.6 - ELECTRONIC PYRO VERSION WITH HOB CONTROLS

In the version with hob controls, after unscrewing the screws of the upper panel, to remove a control component: oven thermostat, function selector, hob energy regulators, indicator lights, etc.

1 - Remove the control panel front piece (see chapter 2.4 entitled REMOVING THE CONTROL PANEL depending on the styling).
2 - Detach the connection wires of the component, marking their position
3 - Remove the fixing screws of the component (see chapter 2.4 entitled REMOVING THE CONTROL PANEL depending on the styling).
4 - Remove the component.

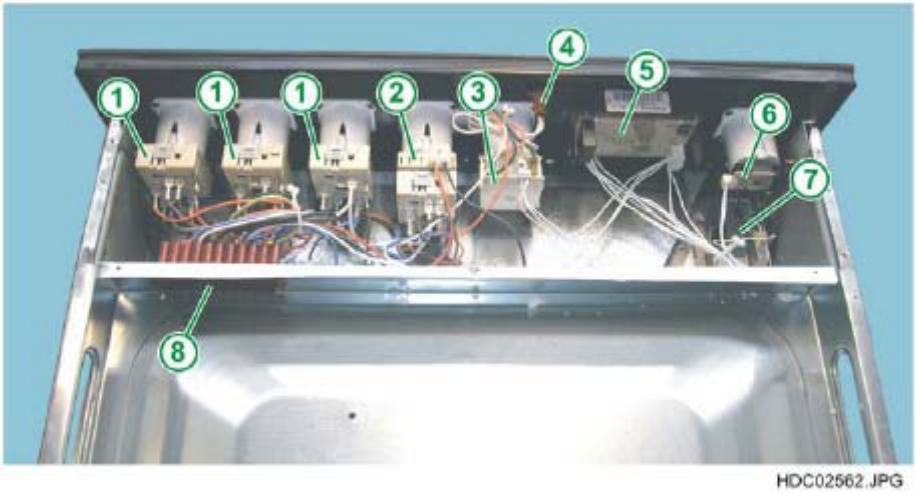


Fig. 91

1 - NORMAL ENERGY REGULATORS FOR THE HOB
2 - DOUBLE ENERGY REGULATOR FOR THE HOB
3 - OVEN FUNCTION SELECTOR
4 - INDICATOR LIGHTS
5 - RHEA ELECTRONIC PROGRAMMER
6 - TEMPERATURE CONTROL POTENTIOMETER
7 - DOOR LOCK FOR PYROLYSIS
8 - CONNECTION CONNECTOR FOR THE HOB

N.B.: From January 2010 (serial number **001….**) access to the top of the oven has improved thanks to the progressive introduction of a new one-piece top oven cover (see chapter 2.6.1).

2.6.2.7 - NORMAL AVANTGARDE ELECTRONIC VERSION

In the version with Avantgarde electronic control, after unscrewing the screws fixing the upper panel, to remove the Control Unit:

1 - Remove the control panel front piece (see chapter 2.4 entitled REMOVING THE CONTROL PANEL depending on the styling).
2 - Detach the Control Unit – Power board connection connector (see Fig. 92).
3 - Slide the Control Unit off from the side, to release it from the retainer hooks (see Fig. 93).

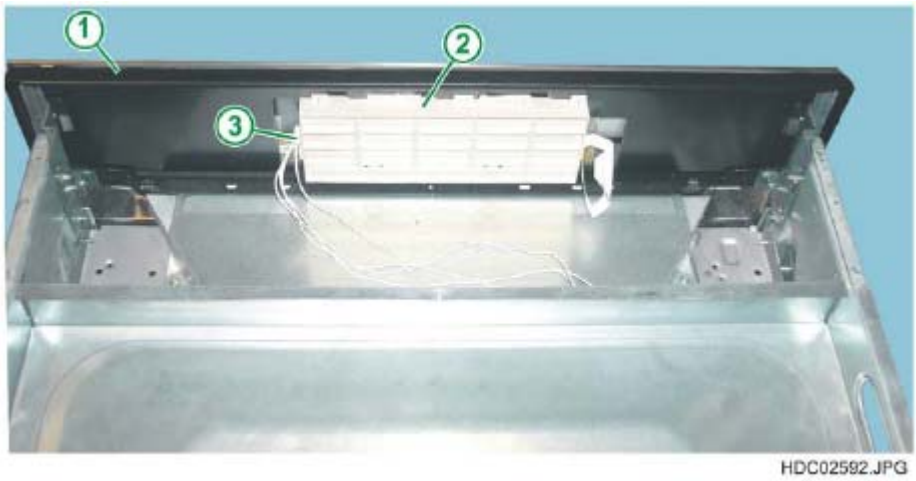


Fig. 92

1 - CONTROL PANEL
2 - AVANTGARDE CONTROL UNIT
3 - CONTROL UNIT - POWER BOARD CONNECTION CONNECTOR

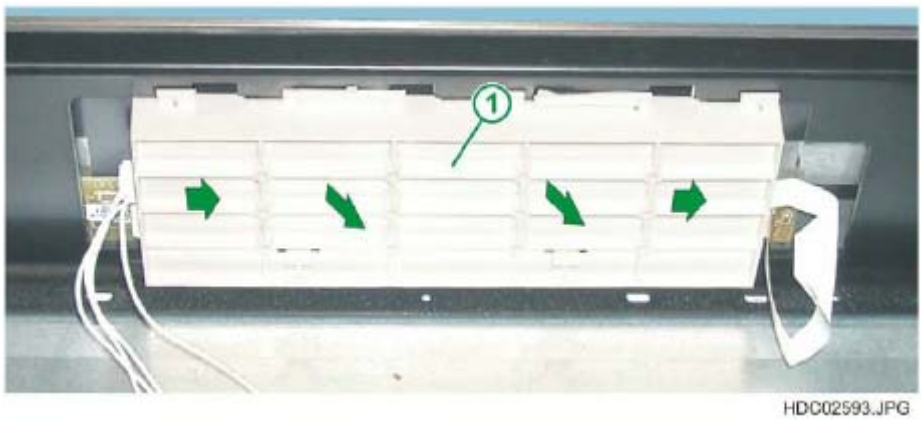


Fig. 93

1 - AVANTGARDE CONTROL UNIT

N.B.: From January 2010 (serial number **001….**) access to the top of the oven has improved thanks to the progressive introduction of a new one-piece top oven cover (see chapter 2.6.1).

2.6.2.8 - AVANTGARDE ELECTRONIC PYRO VERSION

In the version with Avantgarde Pyro electronic control, after unscrewing the screws fixing the upper panel, to remove the Control Unit:

1 - Remove the control panel front piece (see chapter 2.4 entitled REMOVING THE CONTROL PANEL depending on the styling).
2 - Detach the Control Unit – Power board connection connector (see Fig. 94).
3 - Slide the Control Unit off from the side, to release it from the retainer hooks (see Fig. 93).

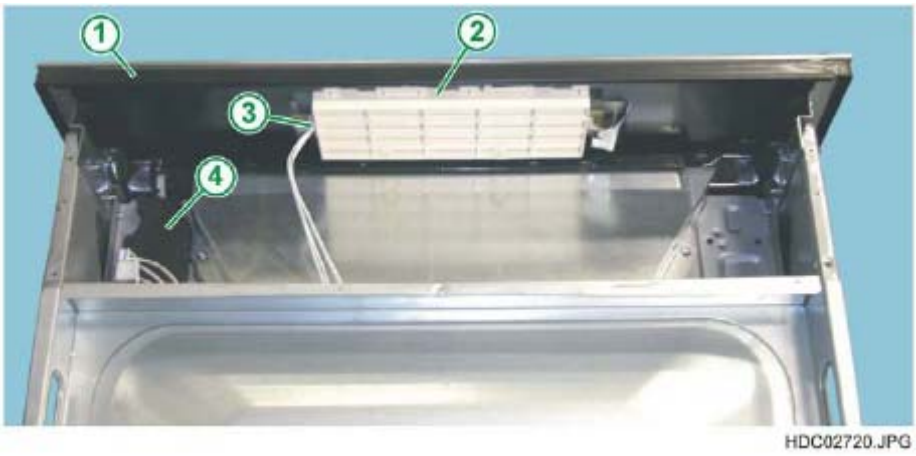


Fig. 94

1 - CONTROL PANEL
2 - AVANTGARDE CONTROL UNIT
3 - CONTROL UNIT - POWER BOARD CONNECTION CONNECTOR
4 - DOOR LOCK ASSEMBLY

N.B.: From January 2010 (serial number **001….**) access to the top of the oven has improved thanks to the progressive introduction of a new one-piece top oven cover (see chapter 2.6.1).

2.6.2.9 - NORMAL VISION ELECTRONIC VERSION

In the version with Vision electronic control, after unscrewing the screws fixing the upper panel, to remove the Control Unit:

1 - Remove the control panel front piece (see chapter 2.3 entitled REMOVING THE CONTROL PANEL (Fig. 7).
2 - Detach the Control Unit – Power board connection connector (see Fig. 95).
3 - Detach the Control Unit – Touch board connection connectors (see Fig. 95).
4 - Detach the Control Unit – Light Bar board connection connector (see Fig. 95).
5 - Release the retainer hooks positioned in the lower part using a Philips screwdriver (see Fig. 96).

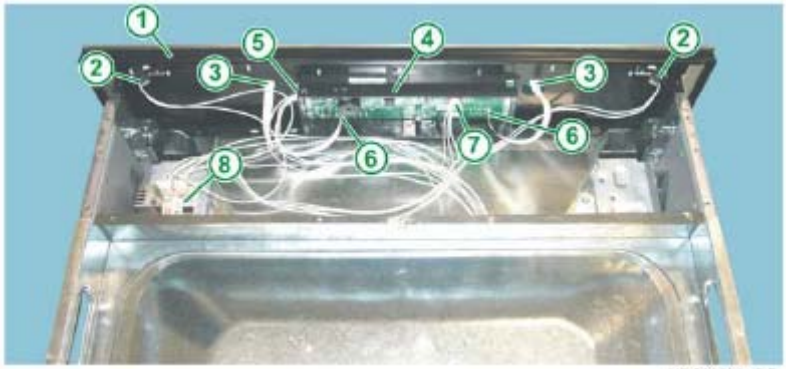


Fig. 95

1 - CONTROL PANEL
2 - LIGHT BAR CONNECTION CONNECTORS
3 - TOUCH BOARD CONNECTION CONNECTORS
4 - VISION CONTROL UNIT
5 - CONNECTION CONNECTOR TO THE OVC2000 POWER BOARD
6 - CONNECTION CONNECTORS TO TOUCH BOARD
7 - CONNECTION CONNECTOR TO LIGHT BAR BOARD
8 - LIGHT BAR POWER BOARD

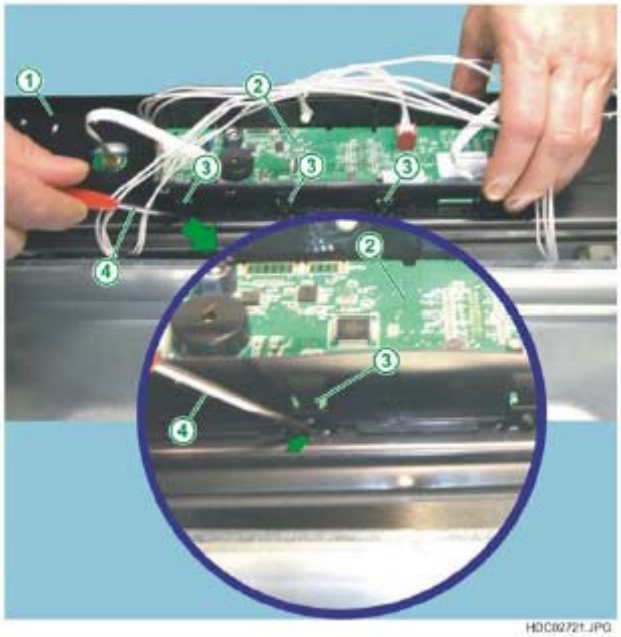


Fig. 96

1 - CONTROL PANEL
2 - VISION CONTROL UNIT
3 - RETAINER HOOKS
4 - PHILIPS SCREWDRIVER

N.B.: From January 2010 (serial number **001….**) access to the top of the oven has improved thanks to the progressive introduction of a new one-piece top oven cover (see chapter 2.6.1).

2.6.2.10 - VISION ELECTRONIC PYRO VERSION

In the version with Vision Pyro electronic control, after unscrewing the screws fixing the upper panel, to remove the Control Unit:

1 - Remove the control panel front piece (see chapter 2.3 entitled REMOVING THE CONTROL PANEL (Fig. 7).
2 - Detach the Control Unit – Power board connection connector (see Fig. 97).
3 - Detach the Control Unit – Touch board connection connectors (see Fig. 97).
4 - Detach the Control Unit – Light Bar board connection connector (see Fig. 97).
5 - Release the retainer hooks positioned in the lower part using a Philips screwdriver (see Fig. 96).

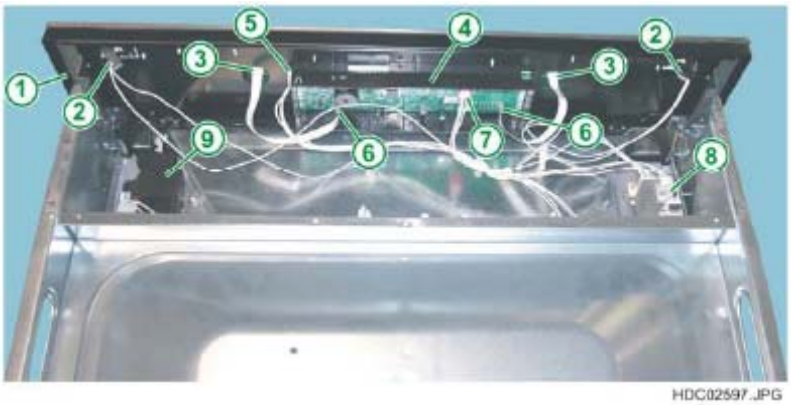


Fig. 97

1 - CONTROL PANEL
2 - LIGHT BAR CONNECTION CONNECTORS
3 - TOUCH BOARD CONNECTION CONNECTORS
4 - VISION CONTROL UNIT
5 - CONNECTION CONNECTOR TO THE OVC2000 POWER BOARD
6 - CONNECTION CONNECTORS TO TOUCH BOARD
7 - CONNECTION CONNECTOR TO LIGHT BAR BOARD
8 - LIGHT BAR POWER BOARD
9 - DOOR LOCK ASSEMBLY

N.B.: From January 2010 (serial number **001….**) access to the top of the oven has improved thanks to the progressive introduction of a new one-piece top oven cover (see chapter 2.6.1).

2.6.3 - UPPER PANEL (fan and safety thermostat)

In both oven types (electromechanical and electronic), once the upper panel of the oven has been removed, the tangential cooling fan and the safety thermostat are accessible (as well as the hob control components, where featured).

2.6.3.1 - REMOVING THE TANGENTIAL FAN ON ELECTROMECHANICAL VERSION WITH HOB CONTROLS

To remove one of the components:

1 - Unfasten the fixing screws on the upper panel.
2 - Detach the connection wires for the tangential cooling fan (or thermostat).
3 - Unfasten the fixing screws on the fan (or thermostat).
4 - Extract the component.

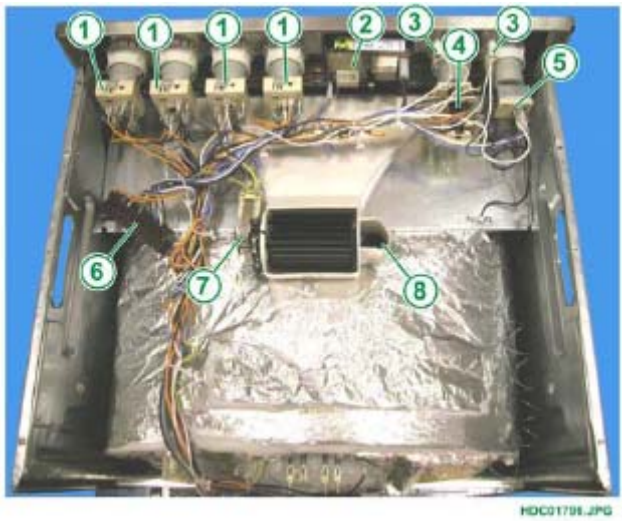


Fig. 98

1 - ENERGY REGULATORS
2 - ELECTRONIC PROGRAMMER
3 - INDICATOR LIGHTS
4 - FUNCTION SELECTOR
5 - OVEN THERMOSTAT
6 - CONNECTION CONNECTOR FOR THE HOB
7 - COOLING FAN
8 - STEAM VENT

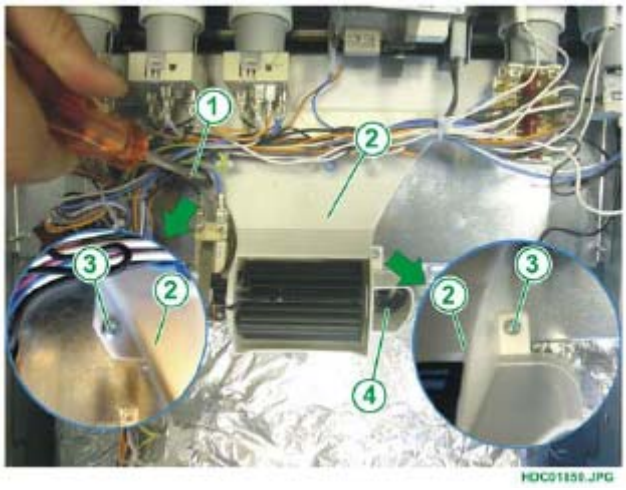
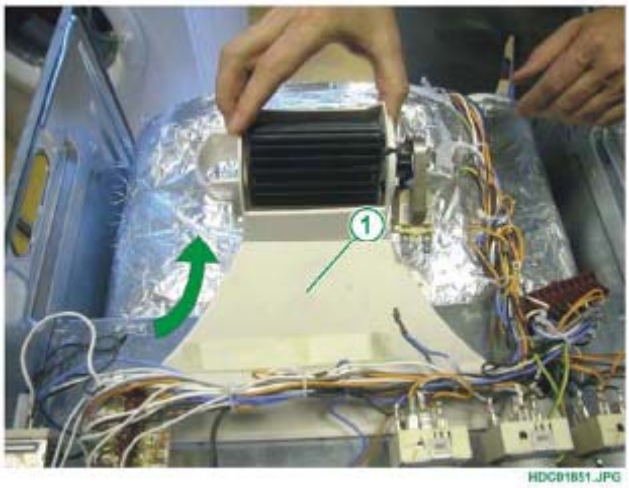


Fig. 99

1 - ENERGY REGULATORS
2 - COOLING FAN
3 - FIXING SCREWS FOR FAN
4 - STEAM VENT

Fig. 100

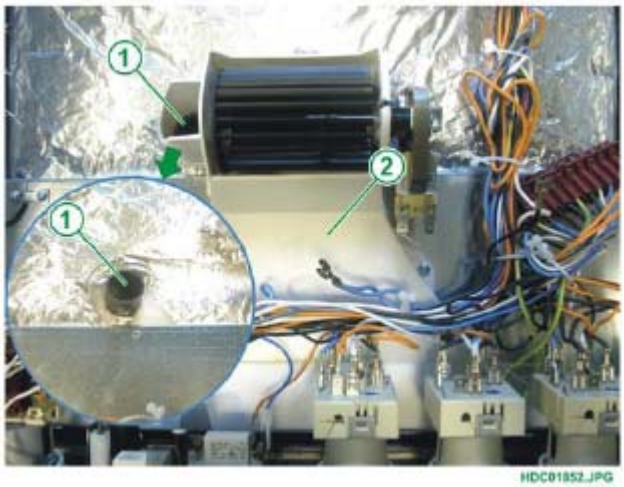
1 - COOLING FAN



N.B.: When mounting the tangential fan assembly, make sure you position the steam vent correctly (see Fig. 101).

Fig. 101

1 - STEAM VENT
2 - TANGENTIAL FAN



2.6.3.2 - NEW METAL TANGENTIAL FAN INSTEAD OF THE ONE WITH THE PLASTIC BODY

Due to quality improvements, from January 2010 (serial number **003….**) a new metal fan with a different fixing system has gradually been introduced instead of the fan with the plastic body.

To remove the fan:

1 - Unfasten the fixing screws on the upper panel.
2 - Detach the connection wires for the tangential cooling fan
3 - Unfasten the fan fixing screws (see Fig. 102).
4 - Extract the component.

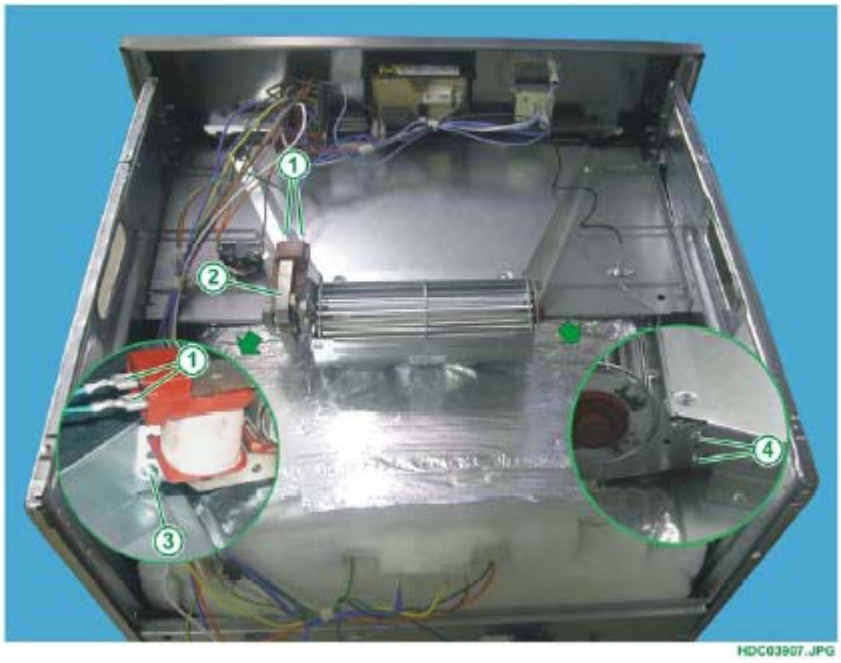


Fig. 102

1 - FAN ELECTRICAL CONNECTIONS
2 - COOLING FAN WITH METAL BODY
3 - LEFT FIXING SCREW
4 - RIGHT FIXING SCREWS

2.6.3.3 - REMOVING THE TANGENTIAL FAN ON ELECTRONIC VERSION WITH HOB CONTROLS

To remove one of the components:

1 - Unfasten the fixing screws on the upper panel.
2 - Detach the connection wires for the tangential cooling fan (or thermostat).
3 - Unfasten the fixing screws on the fan (or thermostat).
4 - Extract the component.

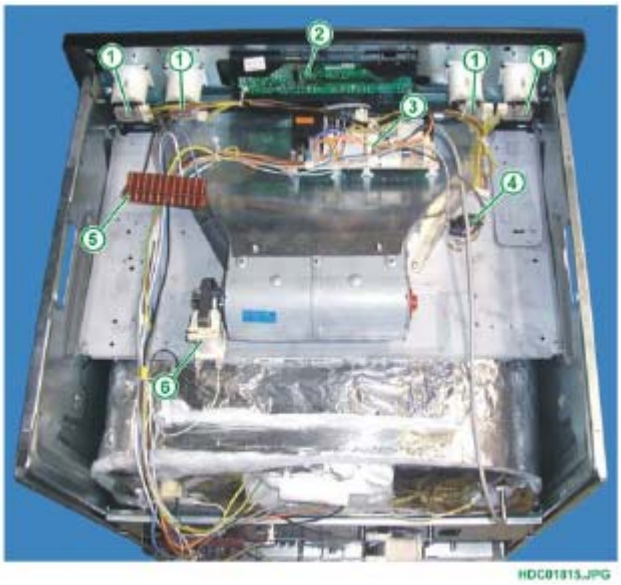


Fig. 103

1 - HOB HOTPLATE CONTROL
2 - KRONOS CONTROL UNIT BOARD
3 - POWER BOARD OVC1000
4 - SAFETY THERMOSTAT
5 - CONNECTOR FOR HOB CONNECTION
6 - COOLING FAN

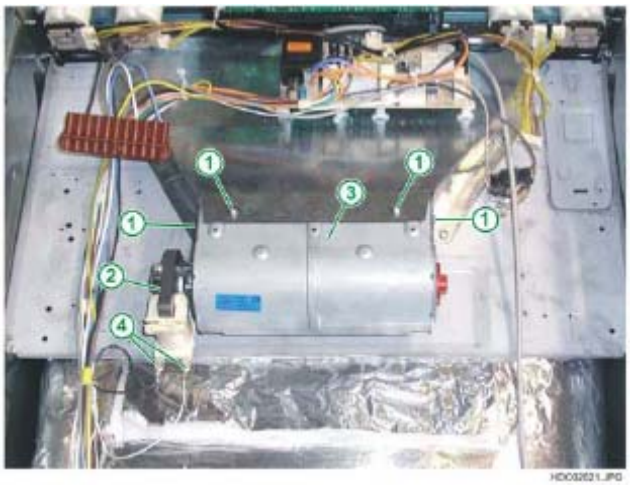


Fig. 104

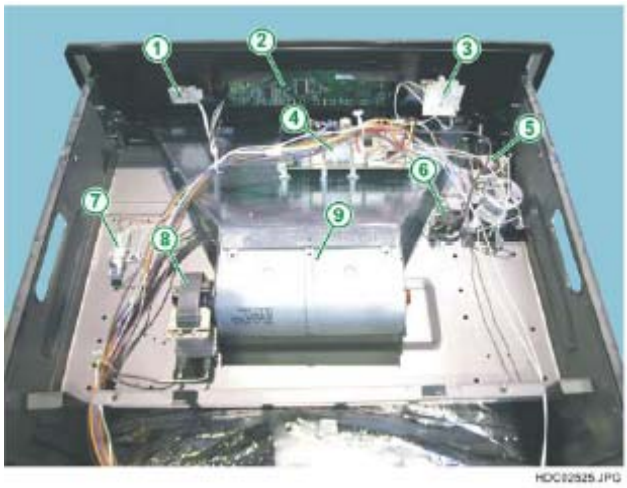
1 - FIXING SCREWS FOR COOLING FAN
2 - FAN MOTOR
3 - FAN BODY
4 - ELECTRICAL CONTACTS FOR CONNECTION

2.6.3.4 - REMOVING THE TANGENTIAL FAN ON ELECTRONIC PYRO VERSION

To remove one of the components:

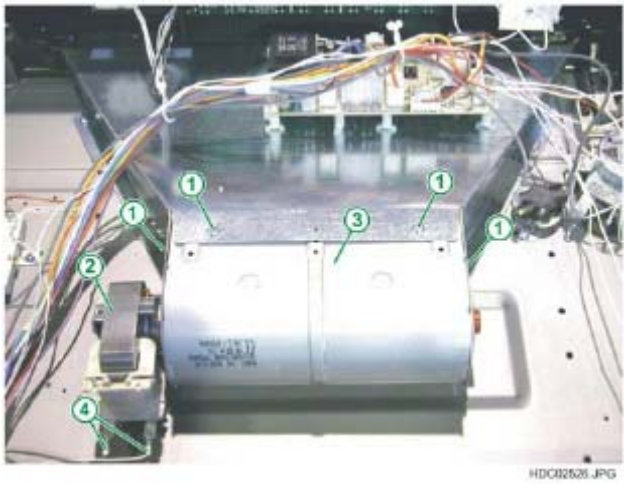
1 - Unfasten the fixing screws on the upper panel.
2 - Detach the connection wires for the tangential cooling fan (or thermostat).
3 - Unfasten the fixing screws on the fan (or thermostat).
4 - Extract the component.

Fig. 105



1 - TEMPERATURE CONTROL POTENTIOMETER
2 - KRONOS CONTROL UNIT BOARD
3 - FUNCTION SELECTOR
4 - POWER BOARD OVC1000
5 - DOOR LOCK
6 - SAFETY THERMOSTAT
7 - DROP RESISTOR
8 - COOLING FAN MOTOR
9 - FAN BODY

Fig. 106



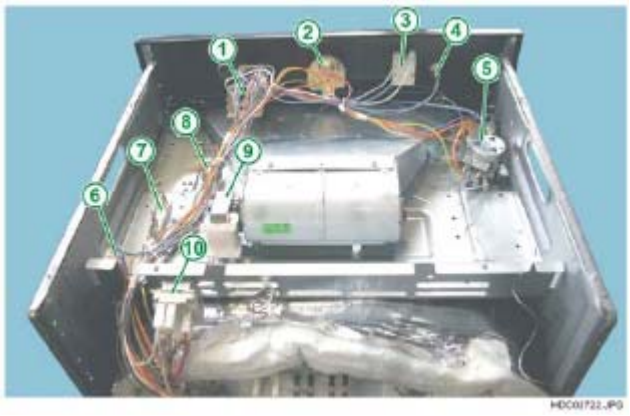
1 - FIXING SCREWS FOR COOLING FAN
2 - FAN MOTOR
3 - FAN BODY
4 - ELECTRICAL CONTACTS FOR CONNECTION

2.6.3.5 - REMOVING THE TANGENTIAL FAN ON ELECTROMECHANICAL PYRO VERSION

To remove one of the components:

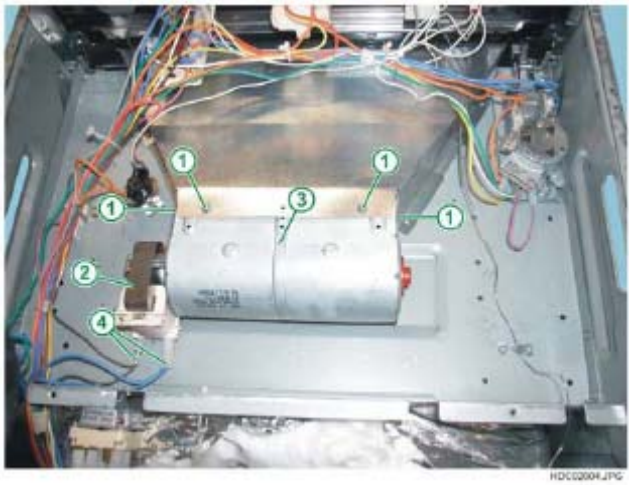
1 - Unfasten the fixing screws on the upper panel.
2 - Detach the connection wires for the tangential cooling fan (or thermostat).
3 - Unfasten the fixing screws on the fan (or thermostat).
4 - Extract the component.

Fig. 107



1 - FUNCTION SELECTOR
2 - TIMER
3 - OVEN THERMOSTAT
4 - THERMOSTAT INDICATOR LIGHT
5 - DOOR LOCK ASSEMBLY
6 - FACTORY TEST BUTTON / SERVICE
7 - DROP RESISTOR FOR FAN
8 - PYROLYSIS SAFETY THERMOSTAT
9 - COOLING FAN
10 - PYROLYSIS MULTIPLE THERMOSTAT

Fig. 108



1 - FIXING SCREWS FOR COOLING FAN
2 - COOLING FAN MOTOR
3 - FAN BODY
4 - ELECTRICAL CONTACTS FOR CONNECTION

2.6.3.6 - REMOVING THE TANGENTIAL FAN ON ELECTRONIC PYRO VERSION WITH HOB CONTROLS

To remove one of the components:

1 - Unfasten the fixing screws on the upper panel.
2 - Detach the connection wires for the tangential cooling fan (or thermostat).
3 - Unfasten the fixing screws on the fan (or thermostat).
4 - Extract the component.

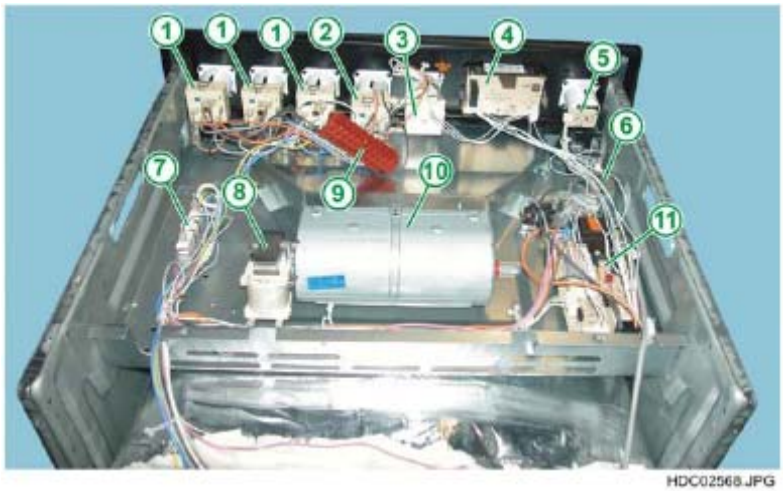
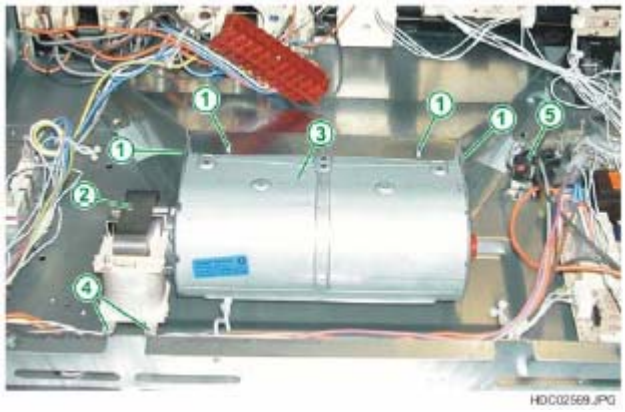


Fig. 109

1 - NORMAL ENERGY REGULATORS
2 - DOUBLE ENERGY REGULATOR
3 - FUNCTION SELECTOR
4 - RHEA ELECTRONIC PROGRAMMER
5 - TEMPERATURE CONTROL POTENTIOMETER
6 - DOOR LOCK
7 - DROP RESISTOR
8 - FAN MOTOR
9 - CONNECTOR FOR CONNECTION TO HOB
10 - COOLING FAN
11 - OVC1000 POWER BOARD

Fig. 110



1 - FIXING SCREWS FOR COOLING FAN
2 - COOLING FAN MOTOR
3 - FAN BODY
4 - ELECTRICAL CONTACTS FOR CONNECTION
5 - DOOR LOCK SAFETY THERMOSTAT

2.6.3.7 - REMOVING THE TANGENTIAL FAN ON NORMAL AVANTGARDE ELECTRONIC VERSION

To remove one of the components:

1 - Unfasten the fixing screws on the upper panel.
2 - Detach the connection wires for the tangential cooling fan.
3 - Unfasten the fixing screws on the fan.
4 - Extract the component.

Fig. 111

1 - AVANTGARDE CONTROL UNIT
2 - TANGENTIAL FAN MOTOR
3 - TANGENTIAL FAN
4 - POWER BOARD OVC2000

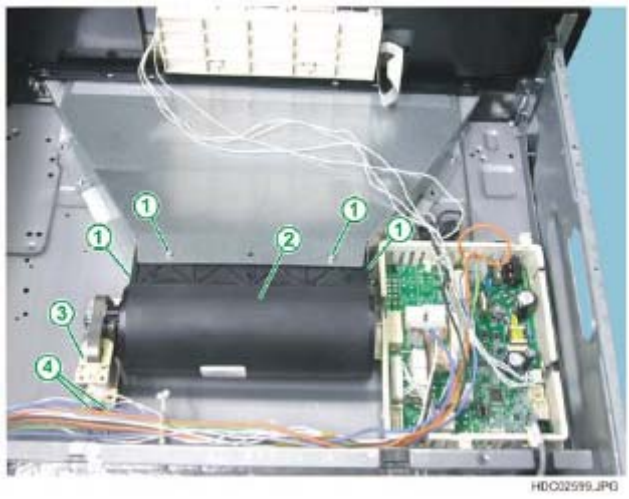


Fig. 112

1 - FIXING SCREWS FOR COOLING FAN
2 - COOLING FAN
3 - COOLING FAN MOTOR
4 - ELECTRICAL CONTACTS FOR CONNECTION

2.6.3.8 - REMOVING THE TANGENTIAL FAN ON AVANTGARDE ELECTRONIC PYRO VERSION

To remove one of the components:

1 - Unfasten the fixing screws on the upper panel.
2 - Detach the connection wires for the tangential cooling fan.
3 - Unfasten the fixing screws on the fan.
4 - Extract the component.

Fig. 113

1 - AVANTGARDE CONTROL UNIT
2 - DROP RESISTOR FOR FAN
3 - FAN MOTOR
4 - TANGENTIAL FAN
5 - DOOR LOCK ASSEMBLY
6 - POWER BOARD OVC2000

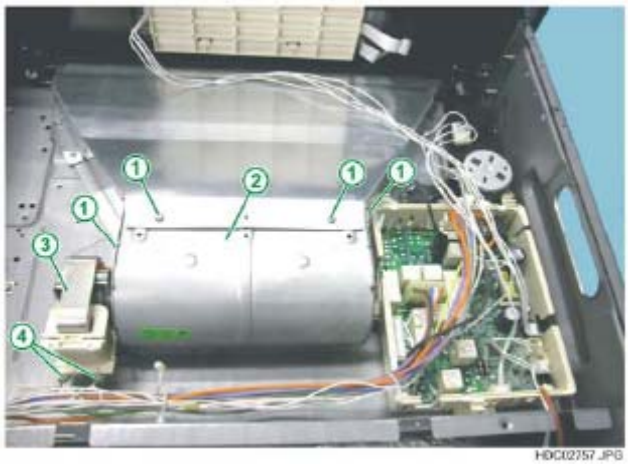


Fig. 114

1 - FIXING SCREWS FOR COOLING FAN
2 - COOLING FAN
3 - COOLING FAN MOTOR
4 - ELECTRICAL CONTACTS FOR CONNECTION

2.6.3.9 - REMOVING THE TANGENTIAL FAN ON NORMAL VISION ELECTRONIC VERSION

To remove one of the components:

1 - Unfasten the fixing screws on the upper panel.
2 - Detach the connection wires for the tangential cooling fan.
3 - Unfasten the fixing screws on the fan.
4 - Extract the component.

Fig. 115

1 - VISION CONTROL UNIT
2 - LIGHT BAR POWER BOARD
3 - FAN MOTOR
4 - TANGENTIAL FAN
5 - POWER BOARD OVC2000

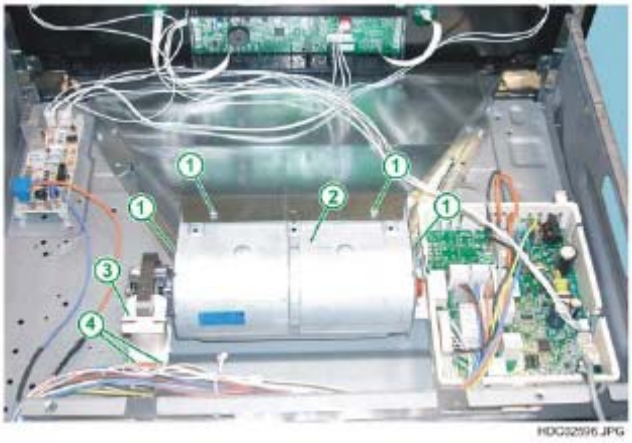


Fig. 116

1 - FIXING SCREWS FOR COOLING FAN
2 - COOLING FAN
3 - COOLING FAN MOTOR
4 - ELECTRICAL CONTACTS FOR CONNECTION

2.6.3.10 - REMOVING THE TANGENTIAL FAN ON VISION ELECTRONIC PYRO VERSION

To remove one of the components:

1 - Unfasten the fixing screws on the upper panel.
2 - Detach the connection wires for the tangential cooling fan.
3 - Unfasten the fixing screws on the fan.
4 - Extract the component.

Fig. 117

1 - VISION CONTROL UNIT
2 - DOOR LOCK
3 - SAFETY THERMOSTAT
4 - LIGHT BAR POWER BOARD
5 - DROP RESISTOR
6 - TANGENTIAL FAN MOTOR
7 - TANGENTIAL FAN
8 - POWER BOARD OVC2000

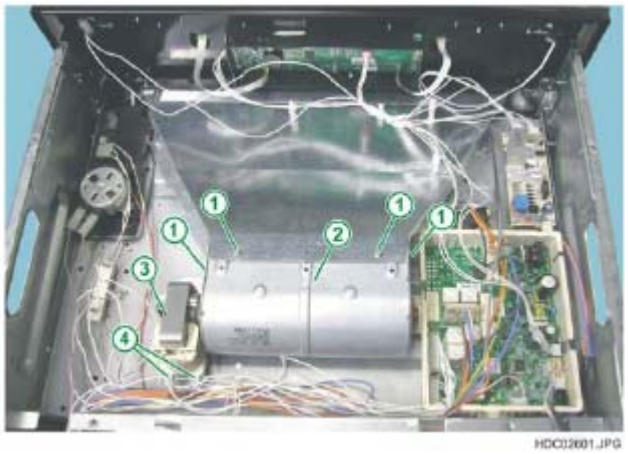


Fig. 118

1 - FIXING SCREWS FOR COOLING FAN
2 - TANGENTIAL COOLING FAN
3 - TANGENTIAL COOLING FAN MOTOR
4 - ELECTRICAL CONTACTS FOR CONNECTION

2.7 - REMOVING THE NORMAL OVEN DOOR

The procedure for the removal of the oven door remains the same as in the previous models.
To remove the oven door:

1 - Open the door completely.
2 - Raise the two hinge retainers (see Fig. 119, 120 and 121).
3 - Slide the door off upwards.

Fig. 119

1 - FRONT SEAL
2 - OVEN FRONT PANEL
3 - DOOR INTERIOR (INNER DOOR)
4 - OVEN HINGE
5 - HINGE RETAINER HOOK

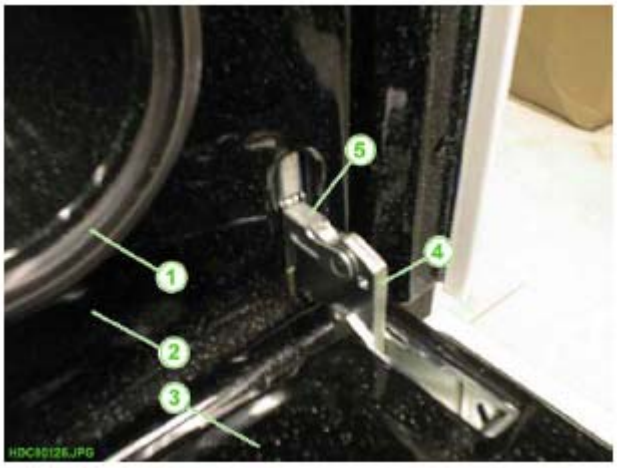


Fig. 120

1 - HINGE RETAINER HOOK (RAISED)
2 - OVEN HINGE

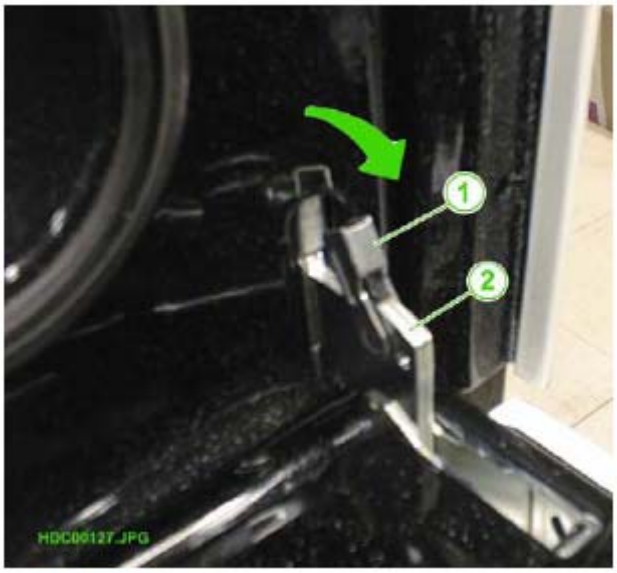
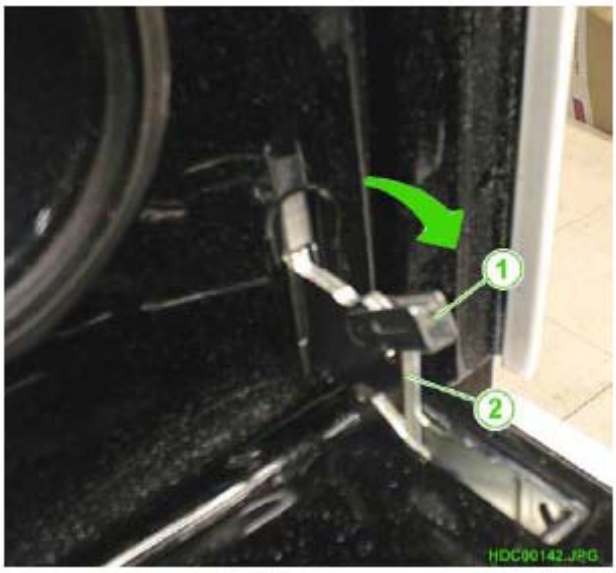


Fig. 121



1 - HINGE RETAINER HOOK (IN LOCKED POSITION)
2 - OVEN HINGE

N.B.: When repositioning the door, before you close it, make sure you raise the hooks completely to their original position (see Fig. 119).

2.7.1 - REMOVING THE DOOR EXTERNAL GLASS NORMAL OVEN

Once you have removed the oven door:

1 - Remove the two screws on the lower part of the inner door (see Fig. 122 Pos. 5).
2 - Slide the glass off from the top of the door to release it from the metal fixing strip.

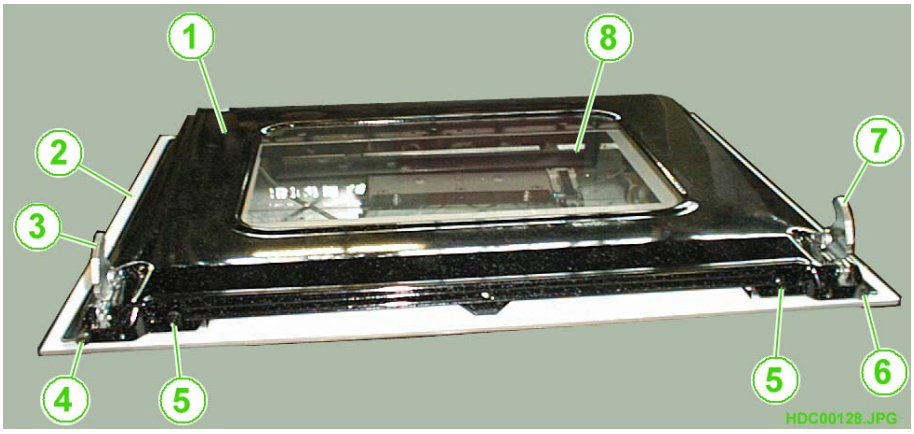


Fig. 122

1 - INNER DOOR
2 - DOOR EXTERNAL GLASS
3 - OVEN HINGE (RIGHT)
4 - HINGE FIXING SCREW - RIGHT
5 - EXTERNAL GLASS FIXING SCREWS
6 - HINGE FIXING SCREW - LEFT
7 - OVEN HINGE (LEFT)
8 - DOOR INTERNAL GLASS

2.7.2 - REMOVING THE NORMAL OVEN DOOR HANDLE

Once you have removed the external glass, you can access the oven handle.
To remove the door handle, unfasten the two screws on the inside of the door (see Fig. 123 Pos. 4).

Fig. 123

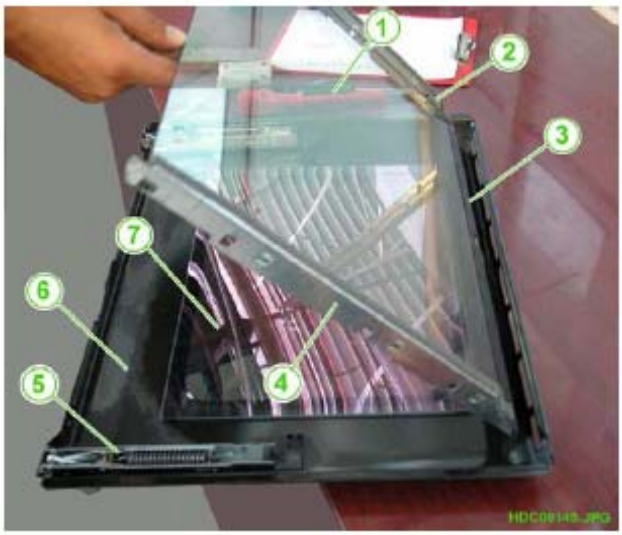
1 - LOWER LEFT FIXING BRACKET TO SECURE THE GLASS
2 - LOWER RIGHT FIXING BRACKET TO SECURE THE GLASS
3 - DOOR EXTERNAL GLASS
4 - FIXING SCREWS FOR HANDLE
5 - INNER DOOR FIXING BRACKET

2.7.3 - REMOVING THE CENTRAL GLASS ON THE NORMAL TRIPLE-GLASS OVEN DOOR

Once you have removed the external glass from the door, you can access the door internal glass.

Fig. 124

1 - DOOR CENTRAL GLASS
2 - LEFT UPRIGHT ON CENTRAL GLASS
3 - DOOR AIR GUIDE
4 - RIGHT UPRIGHT ON CENTRAL GLASS
5 - OVEN HINGE
6 - INNER DOOR
7 - INNER DOOR INTERNAL GLASS



2.8 - REMOVING THE “ALL GLASS” PYROLYTIC OVEN DOOR

The procedure for the removal of the oven door remains the same as in the previous models.
To remove the oven door:

1 - Open the door completely.
2 - Raise the two hinge retainers (see Fig. 125, 126 and 127).
3 - Slide the door off upwards.

Fig. 125

1 - FRONT SEAL
2 - OVEN FRONT PANEL
3 - DOOR INTERIOR
4 - OVEN HINGE
5 - HINGE RETAINER HOOK

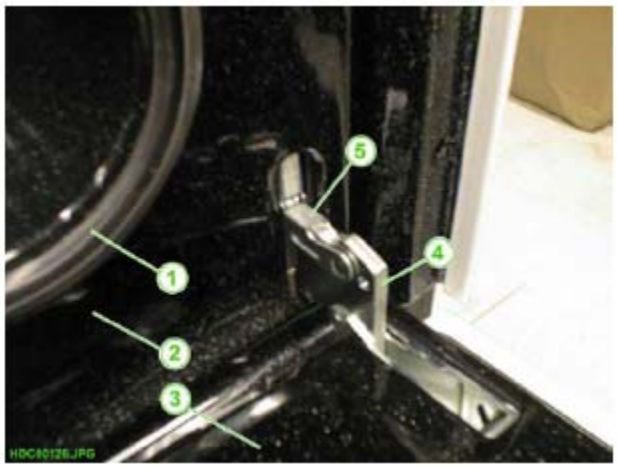


Fig. 126

1 - HINGE RETAINER HOOK (RAISED)
2 - OVEN HINGE

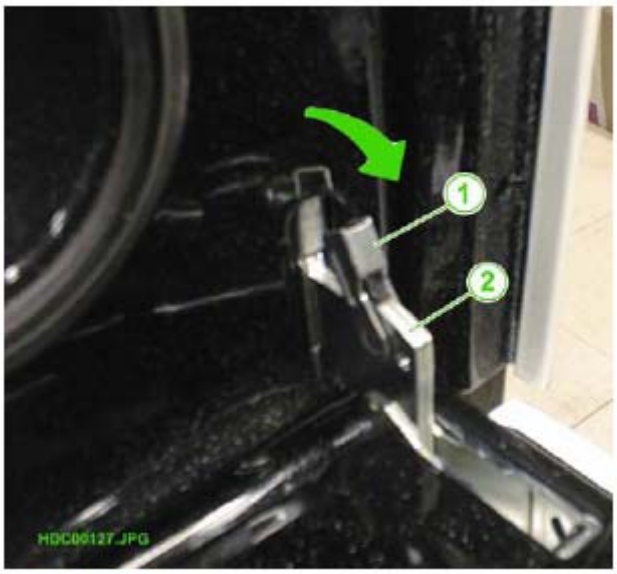
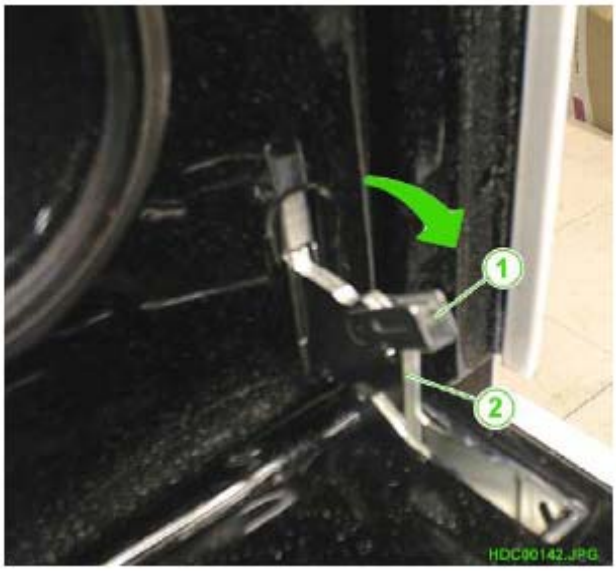


Fig. 127

1 - HINGE RETAINER HOOK (IN LOCKED POSITION)
2 - OVEN HINGE



N.B.: When repositioning the door, before you close it, make sure you raise the hooks completely to their original position (see Fig. 125).

2.8.1 - REMOVING THE UPPER END PIECES ON "ALL GLASS" DOOR

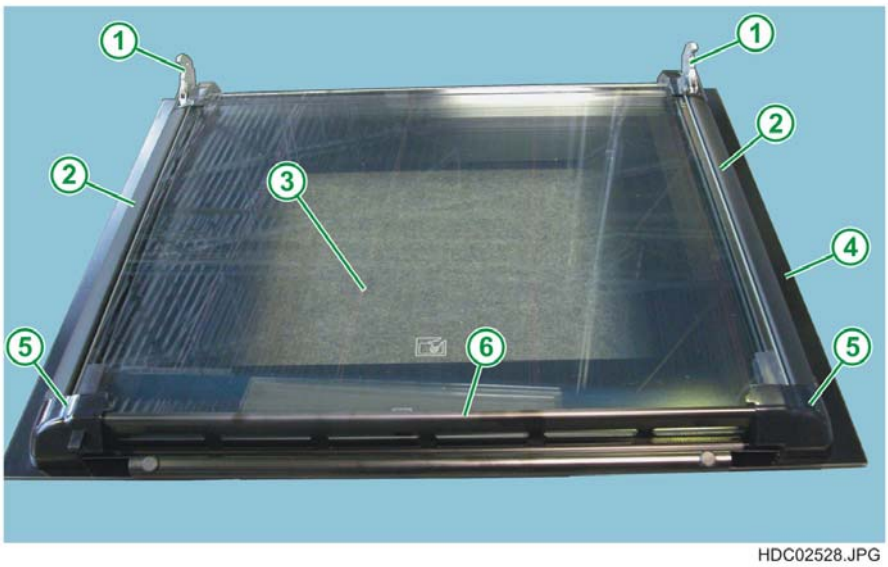


Fig. 128

1 - OVEN HINGES
2 - DOOR SIDE UPRIGHTS
3 - INTERNAL GLASS
4 - EXTERNAL GLASS
5 - UPPER END PIECES
6 - UPPER GRILLE

Once you have removed the oven door:

1 - Remove the two screws on the side uprights securing the upper end pieces in place (see Fig. 129 and 130).
2 - Slide off the upper grille - upper end pieces assembly upwards (see Fig. 132).

Fig. 129

1 - EXTERNAL DOOR GLASS
2 - LEFT UPRIGHT
3 - INTERNAL DOOR GLASS
4 - PHILIPS SCREWDRIVER
5 - FIXING SCREW - LEFT END PIECE
6 - LEFT END PIECE WITH DOOR LOCK RETAINER HOOK
7 - RUBBER BUFFER
8 - UPPER GRILLE

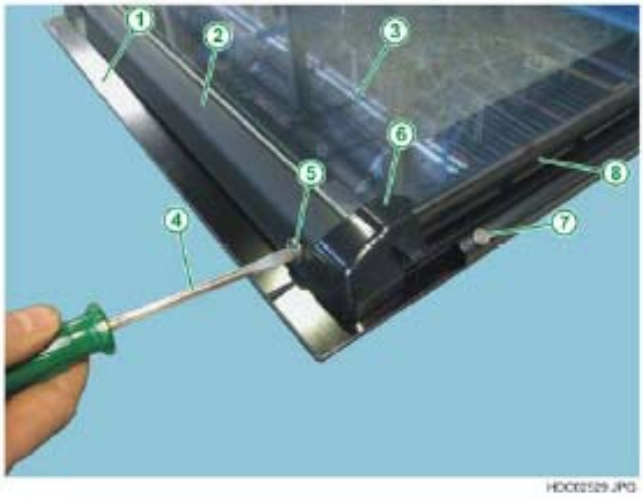


Fig. 130

1 - LEFT END PIECE
2 - RETAINER HOOK FOR DOOR LOCK

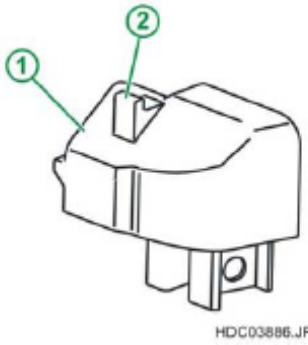
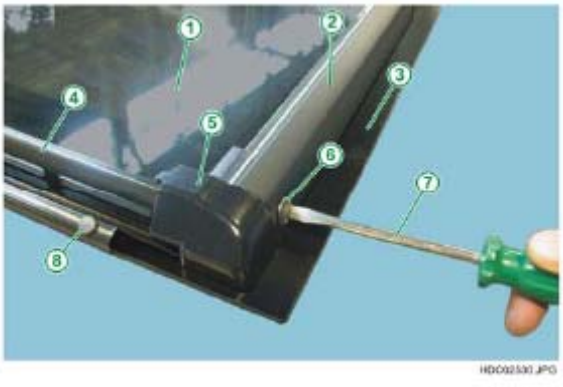


Fig. 131

1 - INTERNAL DOOR GLASS
2 - RIGHT UPRIGHT
3 - EXTERNAL DOOR GLASS
4 - UPPER GRILLE
5 - RIGHT END PIECE
6 - FIXING SCREW - RIGHT END PIECE
7 - PHILIPS SCREWDRIVER
8 - RUBBER BUFFER



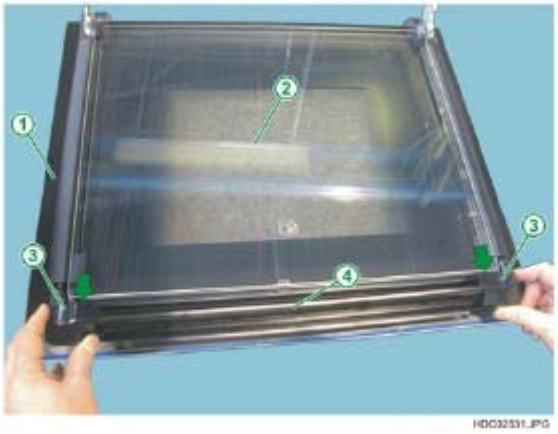


Fig. 132

1 - EXTERNAL DOOR GLASS
2 - INTERNAL DOOR GLASS
3 - UPPER END PIECES
4 - UPPER GRILLE

3 - Unfasten the upper grille - upper end pieces fixing screws (see Fig. 133).

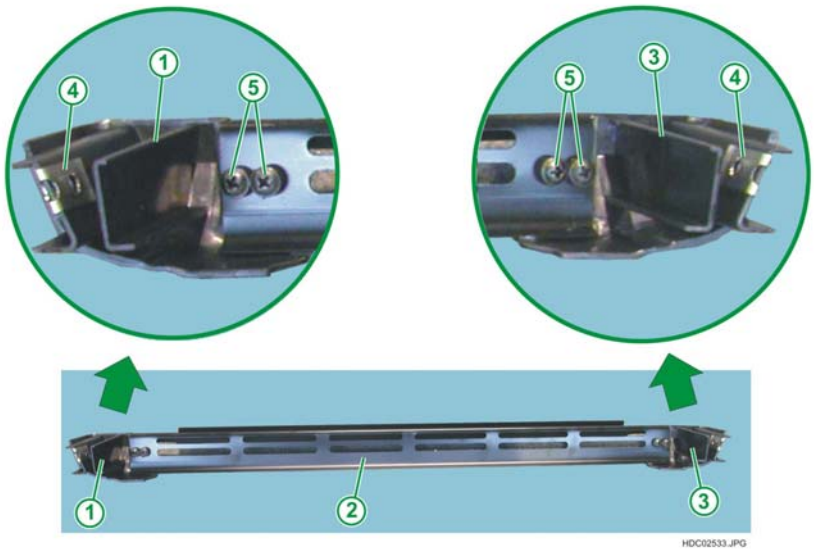


Fig. 133

1 - UPPER LEFT END PIECE
2 - UPPER GRILLE
3 - UPPER RIGHT END PIECE
4 - END PIECE SPRING CLIP
5 - FIXING SCREWS FOR THE UPPER GRILLE

N.B.: Before repositioning the upper end pieces-grille assembly in the door, make sure the end piece spring clips are inserted correctly (see Fig. 134).

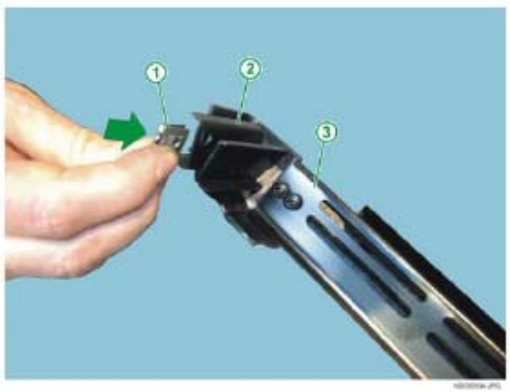


Fig. 134

1 - END PIECE SPRING CLIP
2 - UPPER END PIECE
3 - UPPER GRILLE

2.8.2 - REMOVING "ALL GLASS" PYRO OVEN DOOR INTERNAL GLASS

To remove the door internal glass:

1 - Remove the oven door (see Chapter 2.8).
2 - Remove the upper end pieces (see Chapter 2.8.1)
3 - Remove the internal glass, paying attention to the sequence of glass panes and to the position of the rubber buffer (see Fig. 135).

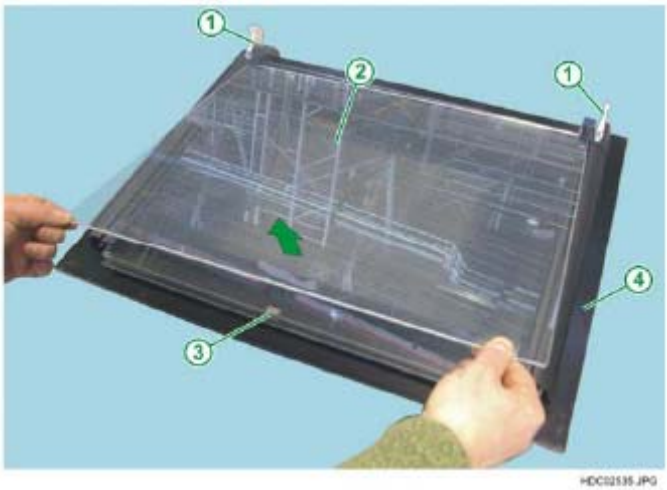


Fig. 135

1 - OVEN DOOR HINGES
2 - FIRST INTERNAL DOOR GLASS PANE
3 - CENTRAL RUBBER BUFFER FOR INTERNAL GLASS
4 - EXTERNAL DOOR GLASS

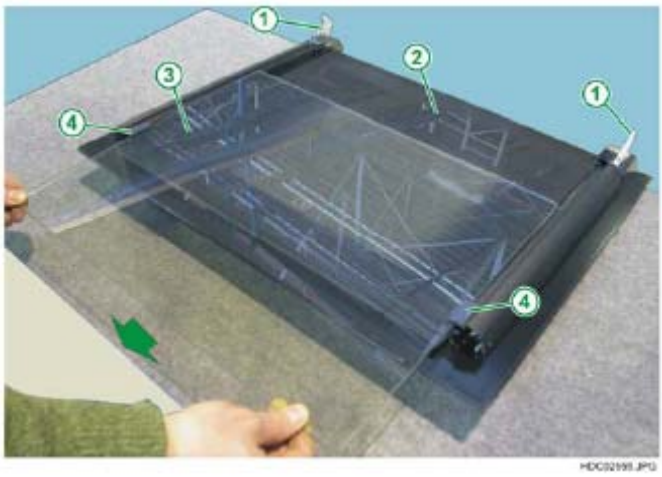


Fig. 136

1 - OVEN DOOR HINGES
2 - THIRD DOOR INTERNAL GLASS PANE
3 - SECOND DOOR INTERNAL GLASS PANE
4 - SIDE GLAZING RETAINER BUFFERS

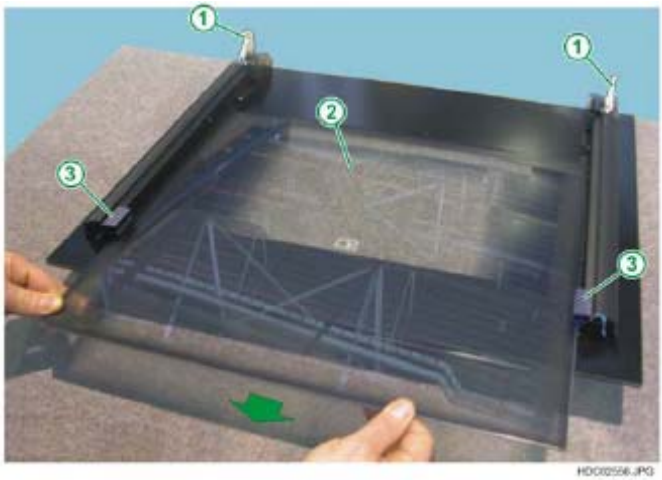


Fig. 137

1 - OVEN DOOR HINGES
2 - THIRD DOOR INTERNAL GLASS PANE
3 - SIDE GLAZING RETAINER BUFFERS

IMPORTANT: Before repositioning the door internal glazing in the correct sequence, make sure that the side glazing retainer buffers are positioned correctly (see Fig. 138).

Fig. 138

1 - SIDE GLAZING RETAINER BUFFERS
2 - RIGHT DOOR UPRIGHT
3 - EXTERNAL GLASS PANE

2.8.3 - REMOVING THE "ALL GLASS" PYRO OVEN DOOR HANDLE

Once you have removed the internal glazing as explained in the previous chapters:

1 - Remove the two screws on the inside of the door (see Fig. 139 and 140).

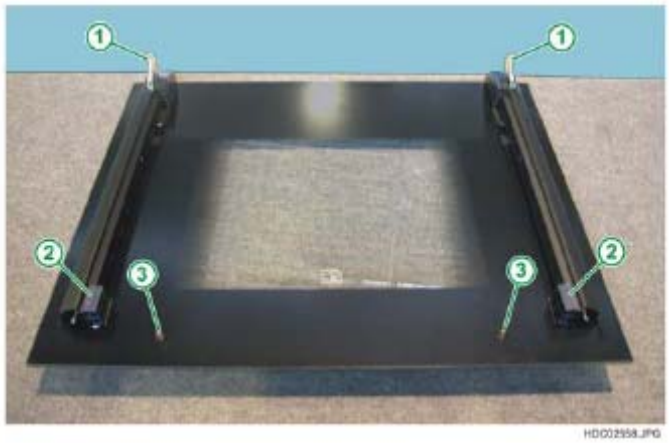


Fig. 139

1 - DOOR HINGES
2 - INTERNAL GLASS SIDE RETAINER BUFFERS
3 - FIXING SCREWS FOR HANDLE

Fig. 140

1 - RIGHT DOOR UPRIGHT
2 - INTERNAL GLASS SIDE RETAINER BUFFER
3 - TORX SCREWDRIVER
4 - FIXING SCREW - FOR HANDLE

2.8.4 - REMOVING THE "ALL GLASS" PYRO OVEN DOOR HINGES

Once you have removed the internal glazing as explained in the previous chapters:

1 - Remove the two fixing screws of the hinge-hinge cover assembly inside the side door uprights (see Fig. 141 and 142).
2 - Slide off the hinge-hinge cover assembly (see Fig. 143).

Fig. 141

1 - SIDE UPRIGHTS
2 - LEFT OVEN HINGES
3 - FIXING SCREWS FOR HINGES
4 - FIXING SCREWS FOR HINGE COVERS

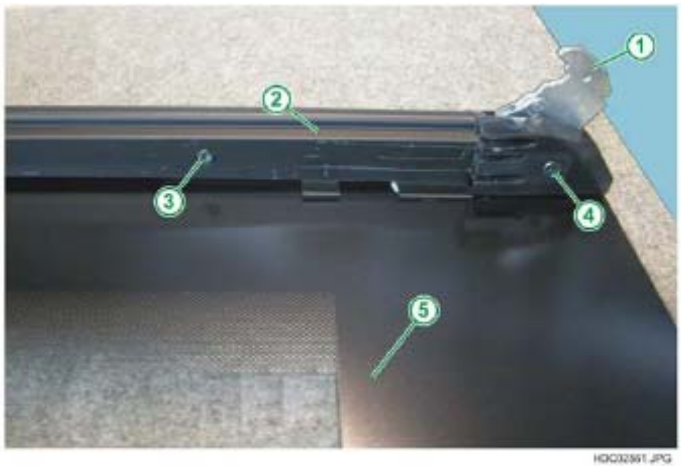


Fig. 142

1 - OVEN HINGE
2 - SIDE UPRIGHT
3 - FIXING SCREWS FOR HINGE
4 - FIXING SCREW - FOR HINGE COVER
5 - DOOR EXTERNAL GLASS

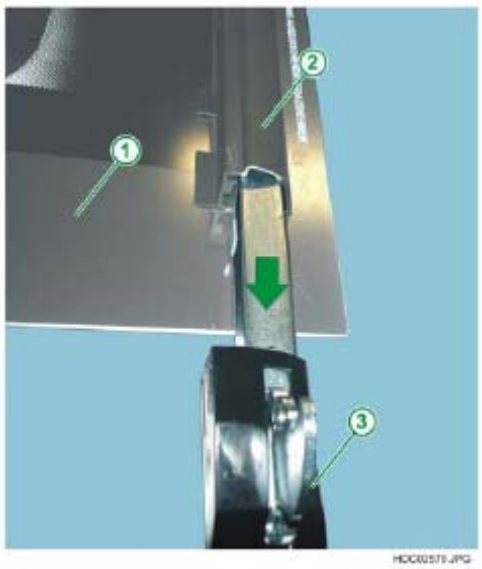


Fig. 143

1 - DOOR EXTERNAL GLASS
2 - SIDE UPRIGHT
3 - OVEN HINGE ASSEMBLY

3 - Remove the hinge from the hinge cover by unscrewing the side screw and the front one (see Fig. 144 and 145).

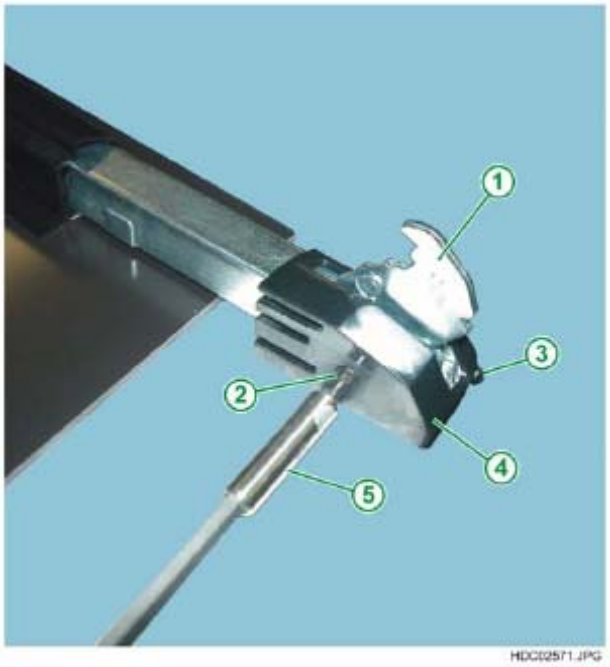


Fig. 144

1 - DOOR HINGE
2 - SIDE FIXING SCREW FOR HINGE COVER
3 - FRONT FIXING SCREW FOR HINGE COVER
4 - HINGE COVER
5 - TORX SCREWDRIVER

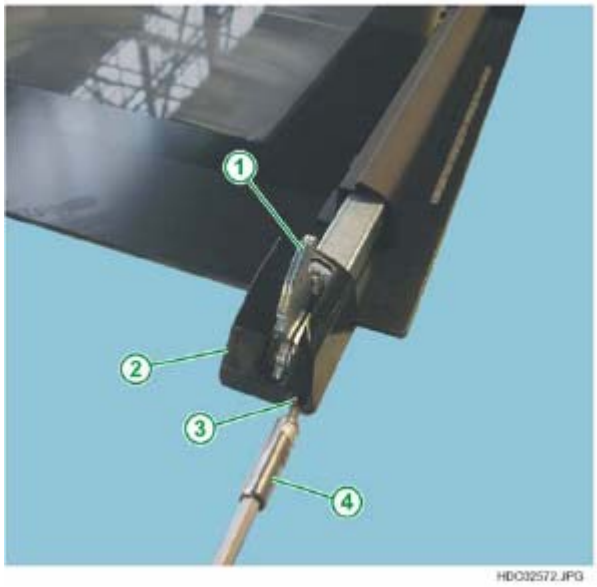


Fig. 145

1 - DOOR HINGE
2 - HINGE COVER
3 - FRONT FIXING SCREW FOR HINGE COVER
4 - TORX SCREWDRIVER

2.9 - REMOVING THE “METAL-GLASS” PYROLYTIC OVEN DOOR

The procedure for the removal of the oven door remains the same as in the previous models.
To remove the oven door:

1 - Open the door completely.
2 - Raise the two hinge retainers (see Fig. 146, 147 and 148).
3 - Slide the door off upwards.

Fig. 146

1 - FRONT SEAL
2 - OVEN FRONT PANEL
3 - DOOR INTERIOR (INNER DOOR)
4 - OVEN HINGE
5 - HINGE RETAINER FOR HINGE

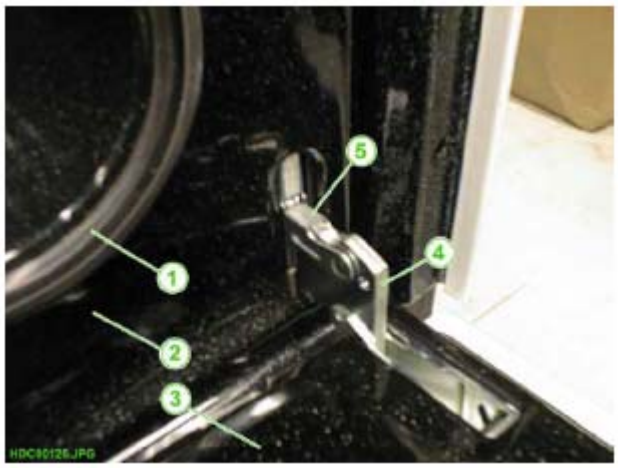
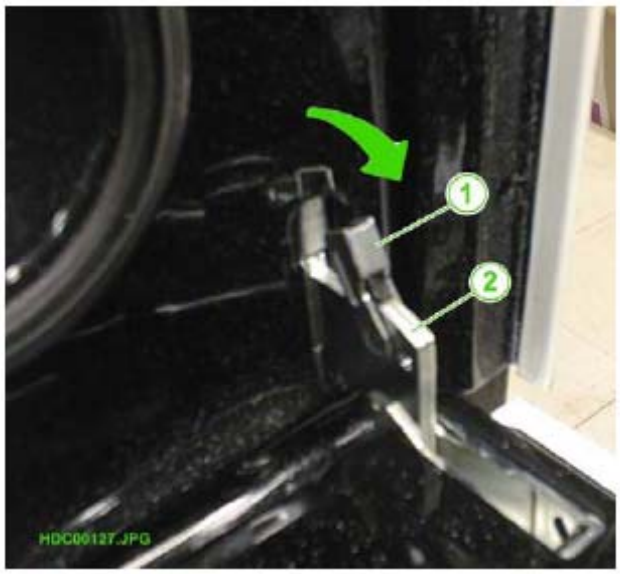


Fig. 147

1 - HINGE RETAINER FOR HINGE (RAISED)
2 - OVEN HINGE



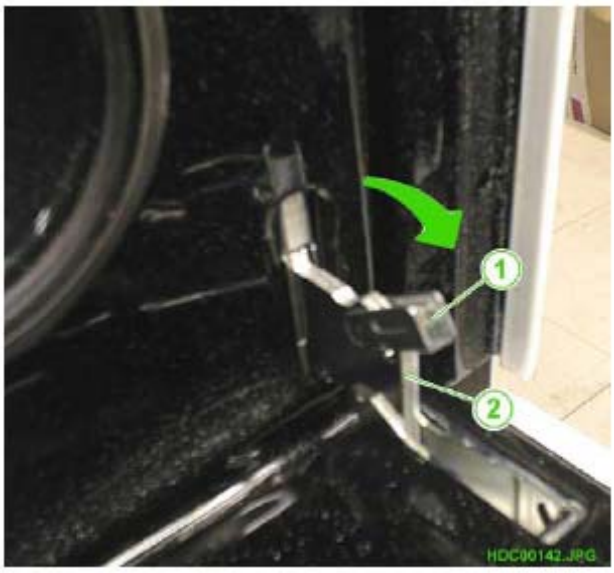


Fig. 148

1 - HINGE RETAINER FOR HINGE (IN LOCKED POSITION)
2 - OVEN HINGE

N.B.: When repositioning the door, before you close it, make sure you raise the hooks completely to their original position (see Fig. 146).

2.9.1 - REMOVING THE "METAL-GLASS" PYRO DOOR EXTERNAL GLASS

Once you have removed the oven door:

1 - Remove the two screws on the lower part of the inner door (see Fig. 149 Pos. 5).
2 - Slide the glass off from the top of the door to release it from the metal fixing supports.

Fig. 149

1 - OVEN DOOR HINGES
2 - DOOR INTERNAL GLASS
3 - INNER DOOR
4 - HINGE FIXING SCREWS
5 - EXTERNAL GLASS FIXING SCREWS
6 - DOOR EXTERNAL GLASS

DETAIL OF FIXING THE EXTERNAL GLASS AND HINGE

Fig. 150

1 - DOOR INTERNAL GLASS
2 - INNER DOOR
3 - OVEN HINGE (LEFT)
4 - DOOR EXTERNAL GLASS
5 - FIXING SCREW FOR EXTERNAL GLASS
6 - FIXING SCREWS FOR LEFT HINGE

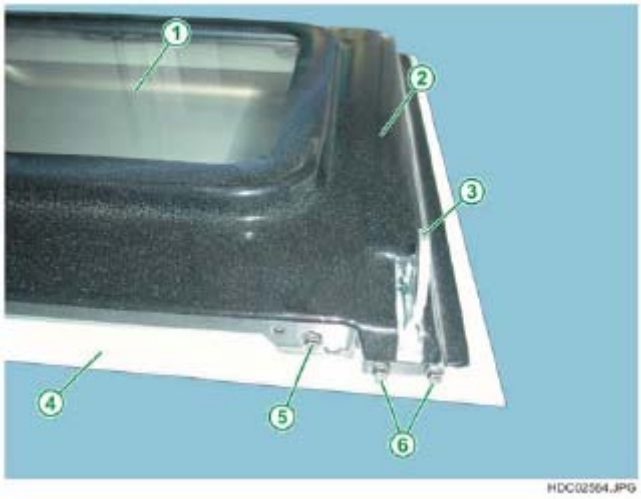
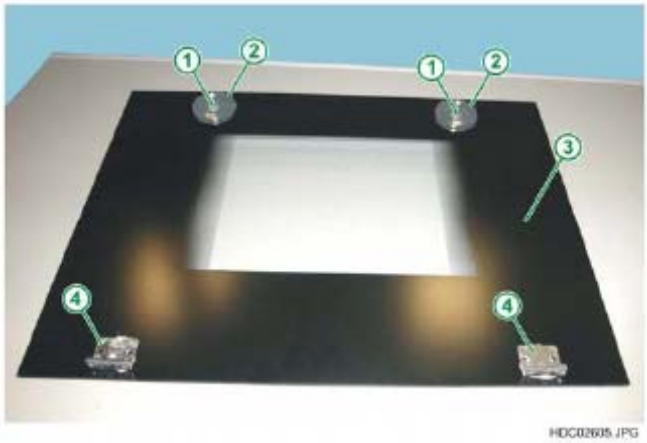


Fig. 151

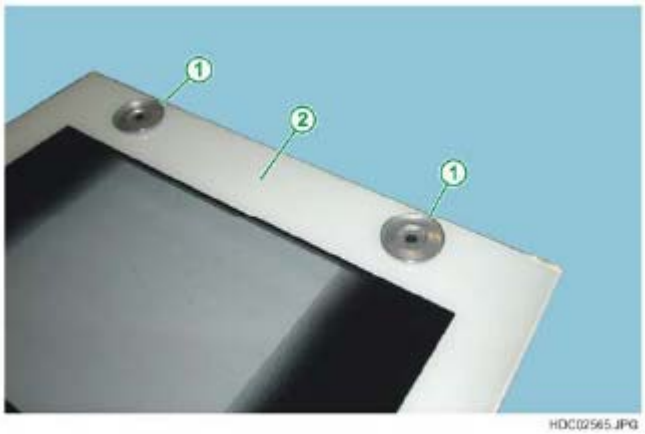
1 - FIXING SCREWS FOR DOOR HANDLE
2 - METAL SUPPORTS TO SECURE INNER DOOR
3 - DOOR EXTERNAL GLASS
4 - METAL FIXING BRACKETS TO SECURE THE INNER DOOR



DETAIL OF FIXING THE EXTERNAL GLASS AT THE TOP

Fig. 152

1 - METAL SUPPORTS TO SECURE INNER DOOR
2 - DOOR EXTERNAL GLASS

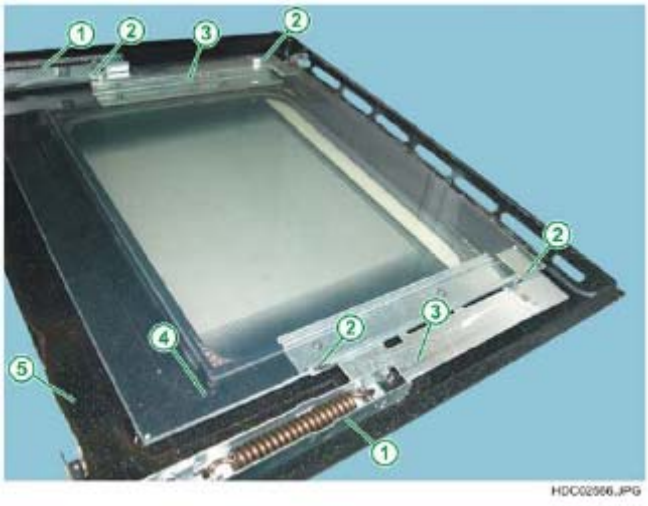


2.9.2 - REMOVING "METAL-GLASS" PYRO OVEN DOOR INTERNAL GLASS

Once you have removed the external glass from the door, you can access the door internal glass (see Fig. 153).

Fig. 153

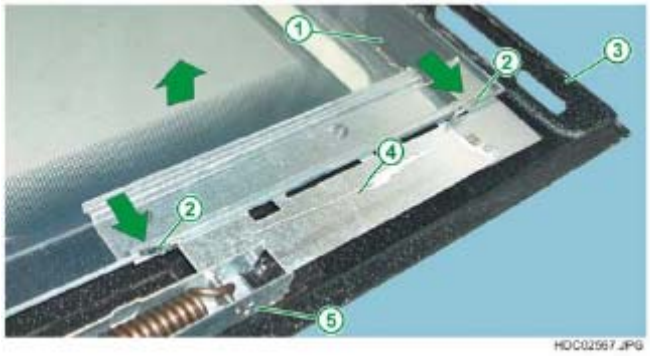
1 - DOOR HINGES
2 - METAL TABS TO SECURE THE FIRST INTERNAL GLASS
3 - FIXING BRACKETS FOR INTERNAL GLASS
4 - FIRST INTERNAL GLASS
5 - INNER DOOR



To remove the first door internal glass, just extend the metallic tabs of the fixing brackets of the internal glass (see Fig. 154)

Fig. 154

1 - FIRST INTERNAL GLASS
2 - METAL TABS TO SECURE THE FIRST INTERNAL GLASS
3 - INNER DOOR
4 - FIXING BRACKET FOR INTERNAL GLASS
5 - DOOR HINGE



To remove the second and third internal glass panes, once you have removed the first internal glass:

1 - Remove the four screws on the internal glass fixing brackets (see Fig. 155).
2 - Remove the internal glass fixing brackets (see Fig. 156).

Fig. 155

1 - SECOND DOOR INTERNAL GLASS PANE
2 - INNER DOOR
3 - DOOR SEAL
4 - TORX SCREWDRIVER
5 - INTERNAL GLASS FIXING BRACKET FIXING SCREWS
6 - FIXING BRACKET FOR INTERNAL GLASS
7 - DOOR HINGE

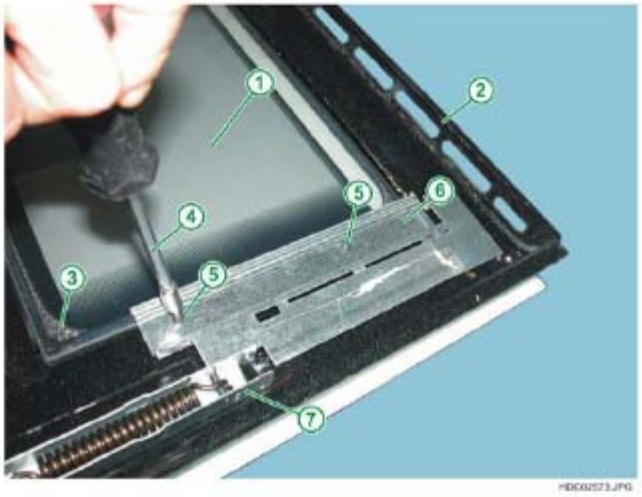
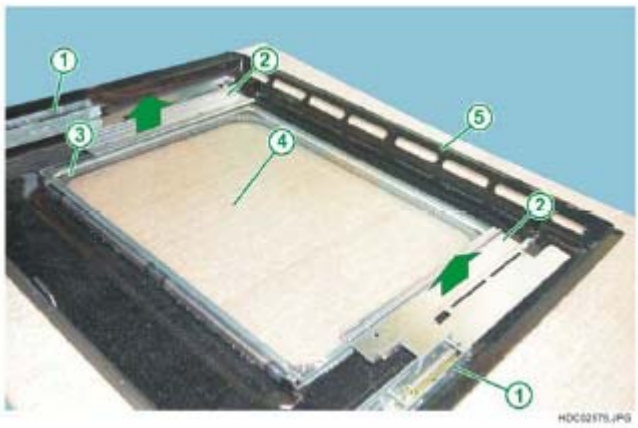


Fig. 156

1 - DOOR HINGE
2 - FIXING BRACKETS FOR INTERNAL GLASS
3 - SEAL BETWEEN SECOND GLASS PANE AND INNER DOOR
4 - SECOND INTERNAL GLASS PANE
5 - INNER DOOR



3 - Remove the second internal glass pane (see Fig. 157).

Fig. 157

1 - INNER DOOR
2 - SECOND INTERNAL GLASS PANE
3 - METALLIC SPACER FRAME BETWEEN SECOND AND THIRD GLASS PANES

4 - Remove the internal spacer frame (see Fig. 158).

Fig. 158

1 - INNER DOOR
2 - METALLIC SPACER FRAME BETWEEN SECOND AND THIRD GLASS PANES
3 - THIRD INTERNAL GLASS PANE
4 - SEAL BETWEEN THIRD GLASS PANE AND INNER DOOR

5 - Remove the third internal glass pane (see Fig. 159).

Fig. 159

1 - INNER DOOR
2 - THIRD INTERNAL GLASS PANE
3 - SEAL BETWEEN THIRD GLASS PANE AND INNER DOOR

6 - Remove the third glass - inner door seal (see Fig. 160).

Fig. 160

1 - INNER DOOR
2 - SEAL BETWEEN THIRD GLASS PANE AND INNER DOOR
3 - DOOR HINGE

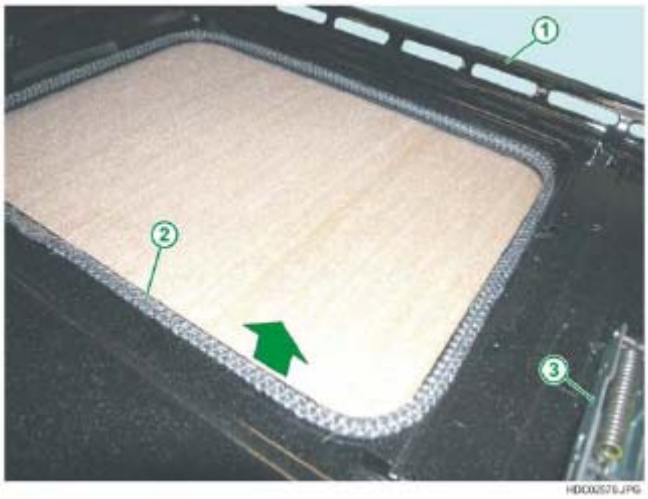


Fig. 161

1 - INNER DOOR
2 - DOOR HINGE

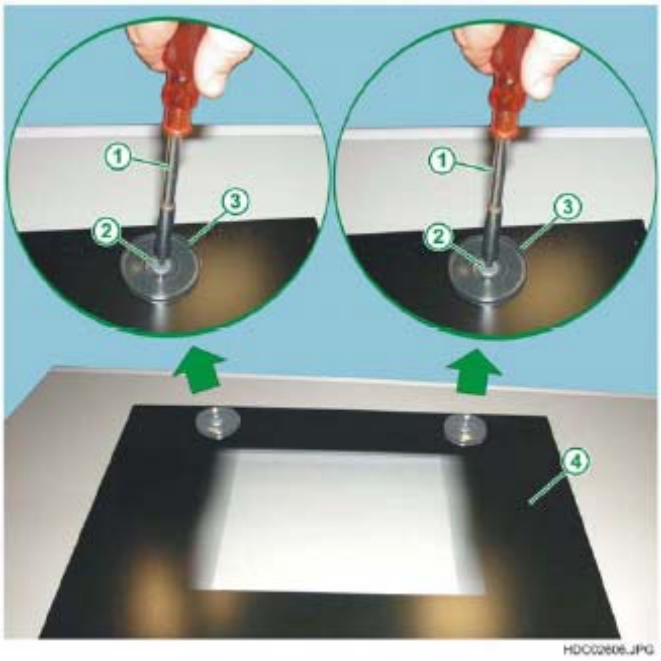
NOTE: The above dismantling procedure refers to the version with 4 glass panes (3 internal glass panes). In the triple-glass version (2 internal glass panes), the first internal glass is missing (see Fig. 154).

2.9.3 - REMOVING THE "METAL-GLASS" PYRO OVEN DOOR HANDLE

Once you have removed the external door glass, you can access the fixing screws for the door handle (see Fig. 162 Pos. 2).

Fig. 162

1 - TORX SCREWDRIVER
2 - FIXING SCREWS FOR DOOR HANDLE
3 - METAL SUPPORTS TO SECURE INNER DOOR
4 - DOOR EXTERNAL GLASS



2.9.4 - REMOVING THE "METAL-GLASS" PYRO OVEN DOOR HINGES

Once you have removed the external glass from the door, you can access the door hinges. To remove the hinges:

1 - Unfasten the hinge fixing screw (see Fig. 163).
2 - Slide the hinge off the retainer hooks.

Fig. 163

1 - INNER DOOR
2 - DOOR HINGE
3 - FIXING SCREW - HINGE
4 - TORX SCREWDRIVER

2.10 - REMOVING THE "PLASTIC" OVEN DOOR

The procedure for the removal of the oven door remains the same as in the previous models.
To remove the oven door:

1 - Open the door completely.
2 - Raise the two hinge retainers (see Fig. 164, 165 and 166).
3 - Slide the door off upwards.

Fig. 164

1 - FRONT SEAL
2 - OVEN FRONT PANEL
3 - DOOR INTERIOR
4 - OVEN HINGE
5 - HINGE RETAINER FOR HINGE

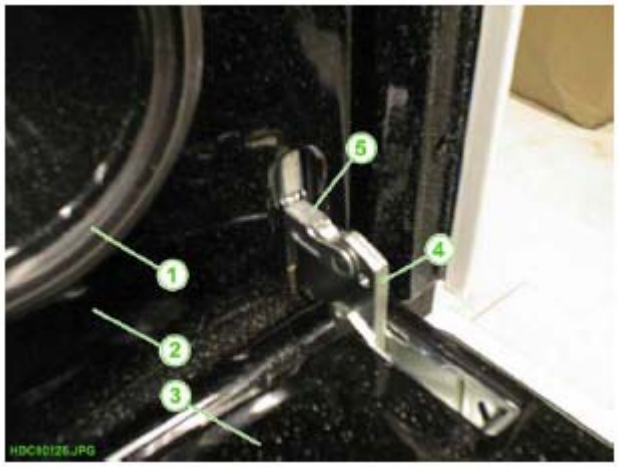


Fig. 165

1 - HINGE RETAINER FOR HINGE (RAISED)
2 - OVEN HINGE

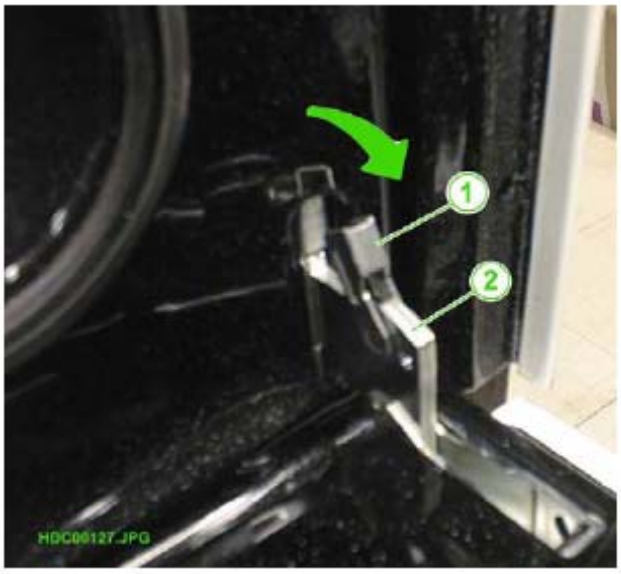


Fig. 166

1 - HINGE RETAINER FOR HINGE (IN LOCKED POSITION)
2 - OVEN HINGE

N.B.: When repositioning the door, before you close it, make sure you raise the hooks completely to their original position (see Fig. 164).

Fig. 167

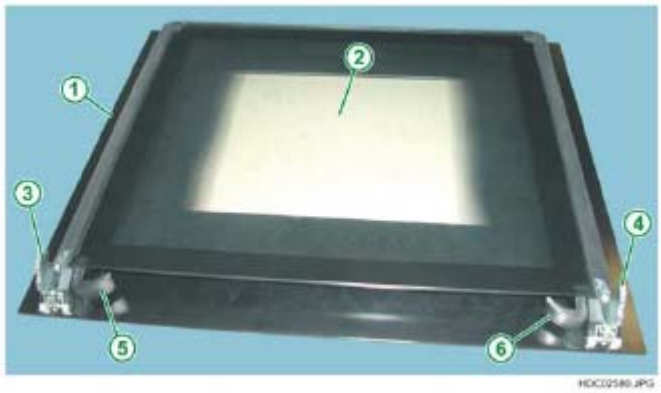
1 - OVEN HINGES
2 - LOWER RETAINER HOOKS
3 - DOOR INTERNAL GLASS
4 - PLASTIC SIDE SUPPORTS
5 - DOOR LOCK RETAINER HOOK
6 - UPPER GRILLE

2.10.1 - REMOVING THE "PLASTIC" OVEN DOOR INTERNAL GLASS

The door internal glass is secured in place using special retainer hooks (see Fig. 168).

Fig. 168

1 - EXTERNAL DOOR GLASS
2 - INTERNAL DOOR GLASS
3 - RIGHT HINGE
4 - LEFT HINGE
5 - RIGHT GLASS RETAINER HOOK
6 - LEFT GLASS RETAINER HOOK

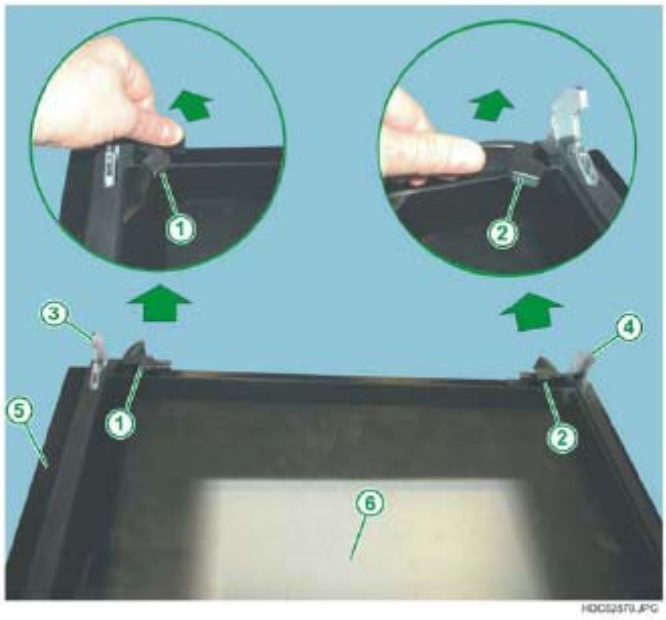


To remove the door internal glass, once you have removed the oven door:

1 - Open the glass retainer hooks on the lower part of the inner door (see Fig. 169 Pos. 1 and 2).

Fig. 169

1 - LEFT GLASS RETAINER HOOK
2 - LEFT GLASS RETAINER HOOK
3 - DOOR HINGE - LEFT
4 - DOOR HINGE - RIGHT
4 - EXTERNAL DOOR GLASS
5 - INTERNAL DOOR GLASS



2 - Slide off the first glass from the lower part of the door (see Fig. 170).

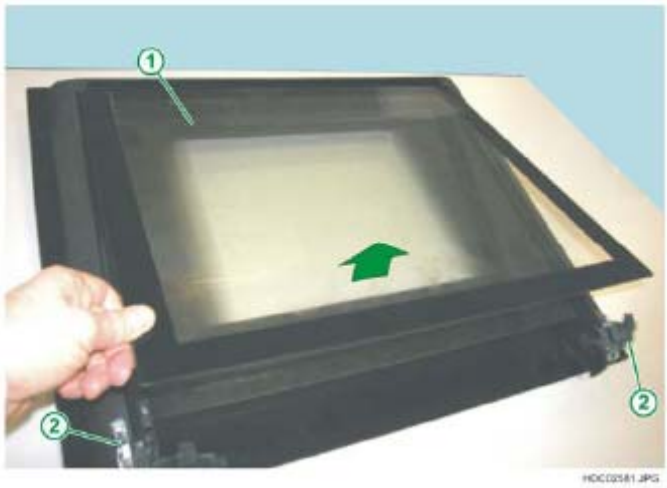


Fig. 170

1 - FIRST DOOR INTERNAL GLASS PANE
2 - DOOR HINGES

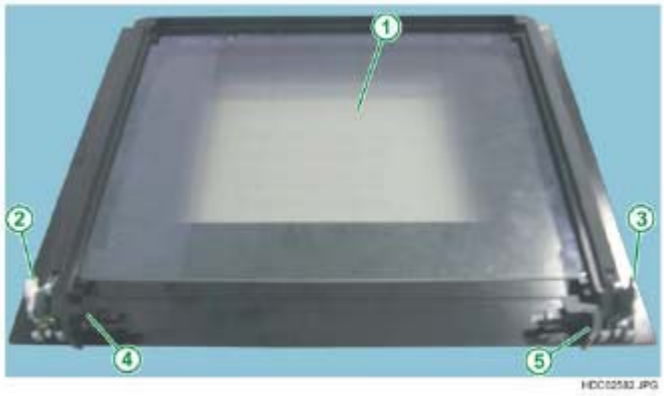


Fig. 171

1 - SECOND DOOR INTERNAL GLASS PANE
2 - LEFT HINGE
3 - RIGHT HINGE
4 - LEFT GLASS RETAINER HOOK
5 - RIGHT GLASS RETAINER HOOK

DETAIL OF THE INTERNAL GLASS SPACERS

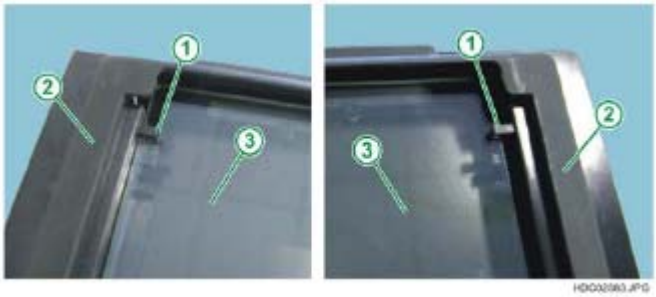


Fig. 172

1 - INTERNAL GLASS SPACERS
2 - SIDE UPRIGHTS - PLASTIC
3 - SECOND DOOR INTERNAL GLASS PANE

3 - Slide off the second glass pane from the lower part of the door (see Fig. 173).

Fig. 173

1 - SECOND DOOR INTERNAL GLASS PANE

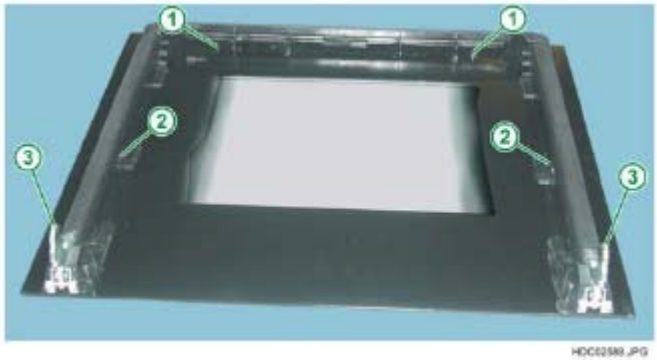


Fig. 174

1 - FIXING SCREWS FOR DOOR HANDLE
2 - FIXING SCREWS FOR HINGES
3 - DOOR HINGES

N.B.: In case of pyrolytic ovens, there may be three internal glass panes.

2.10.2 - REMOVING THE "PLASTIC" OVEN DOOR HANDLE

Once you have removed the internal glass, you can access the fixing screws for the door handle (see Fig. 175).

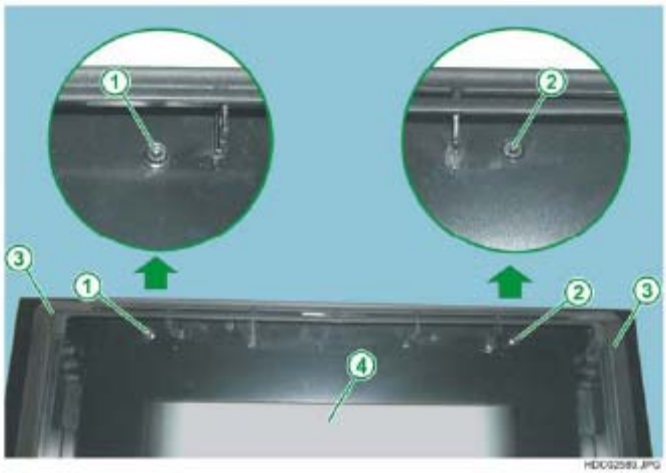


Fig. 175

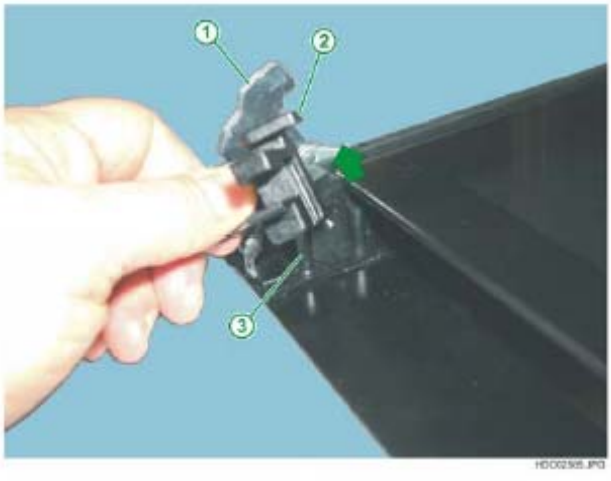
1 - RIGHT-SIDE HANDLE FIXING SCREW
2 - LEFT-SIDE HANDLE FIXING SCREW
3 - SIDE DOOR UPRIGHTS
4 - EXTERNAL DOOR GLASS

2.10.3 - REMOVING THE GLASS RETAINER HOOKS ON "PLASTIC" OVEN DOOR

To remove the retainer hooks, simply slide them off the related rotation pins (see Fig. 176).

Fig. 176

1 - DOOR HINGE
2 - RETAINER HOOK
3 - ROTATION PIN FOR HOOK



2.10.4 - REMOVING THE "PLASTIC" OVEN DOOR HINGES

Once you have removed the internal glass from the door, you can access the door hinges.

To remove the door hinges, simply unscrew the respective fixing screws on the inside of the uprights (see Fig. 177 and 178).

Fig. 177

1 - LEFT HINGE FIXING SCREW
2 - LEFT UPRIGHT
3 - LEFT HINGE

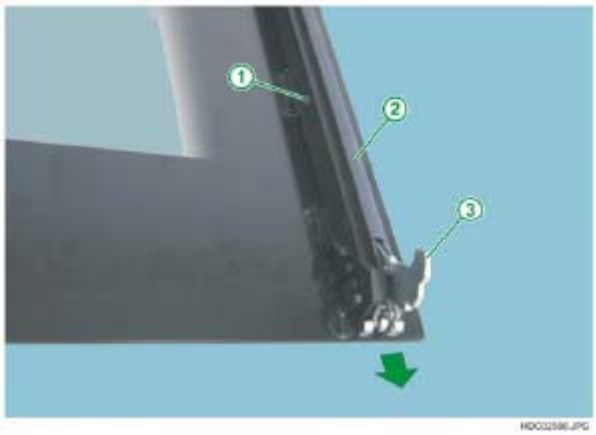
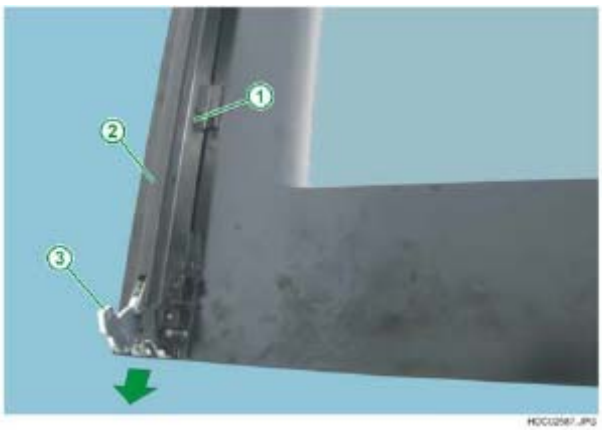


Fig. 178

1 - RIGHT HINGE FIXING SCREW
2 - RIGHT UPRIGHT
3 - RIGHT HINGE



2.10 - REMOVING THE "HINGED" OVEN DOOR

To remove the oven door:
- Unfasten the front panel fixing screw (see Fig. 182).
- Unfasten the upper hinge fixing screws (see Fig. 183).
- Slide off the upper hinge, holding the door to prevent it from falling (see Fig. 184)

2.11.1 - POSITION OF HINGES AND DOOR LOCK

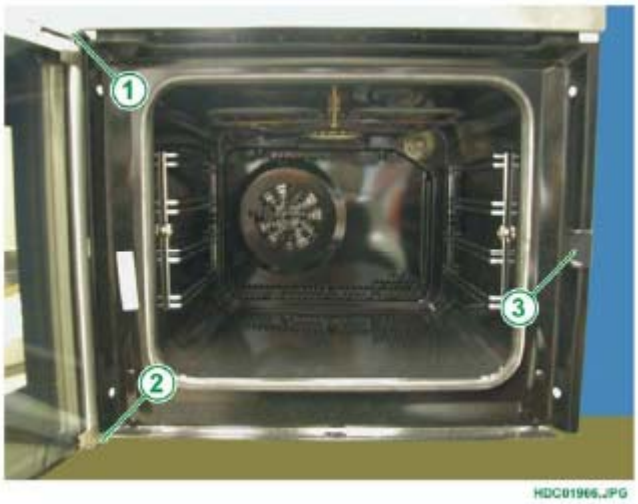


Fig. 179

1 - UPPER HINGE
2 - LOWER HINGE
3 - DOOR LOCK

Fig. 180

1 - UPPER HINGE
2 - LOWER HINGE
3 - HINGE SUPPORT

2.11.2 - POSITION OF HINGE FIXING SCREWS

Fig. 181

1 - UPPER HINGE FIXING SCREWS
2 - HINGE SUPPORT
3 - LOWER HINGE FIXING SCREWS

2.11.3 - REMOVING THE FRONT PANEL SCREW

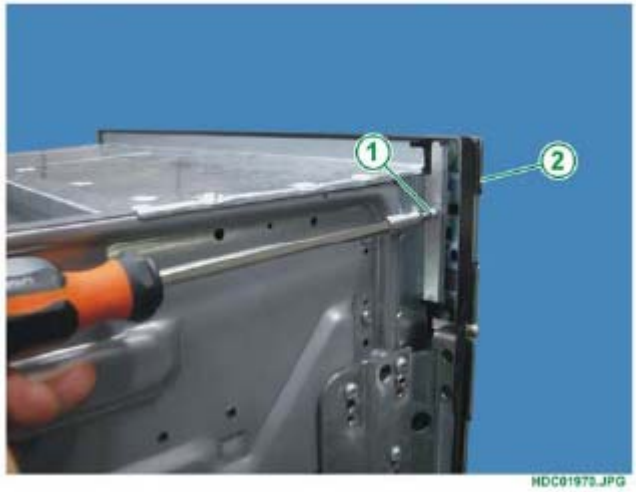


Fig. 182

1 - FRONT PANEL FIXING SCREW
2 - FRONT PANEL ASSEMBLY

2.11.4 - VIEW OF THE HINGE FIXING SCREWS

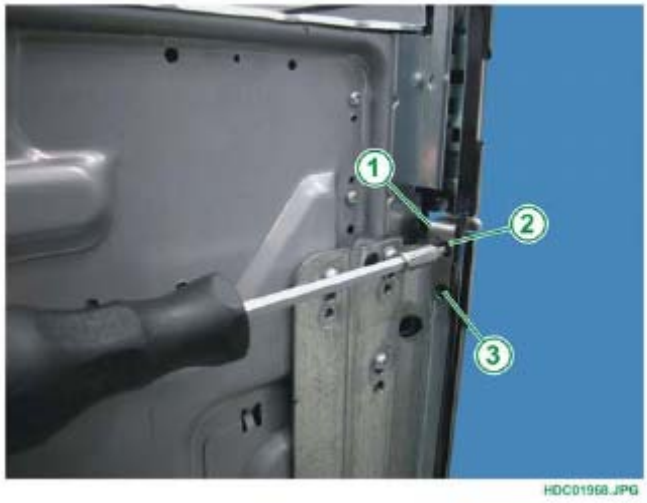


Fig. 183

1 - UPPER HINGE
2 - UPPER FIXING SCREW
3 - LOWER FIXING SCREW

2.11.5 - REMOVING THE UPPER HINGE

To remove the upper hinge:
- Remove the front panel fixing screw (see Fig. 182).
- Unfasten the upper hinge fixing screws (see Fig. 183).
- Lift the front panel slightly upwards and outwards to release the upper hinge (see Fig. 184).
- Extract the hinge upwards and towards the inside of the oven (see Fig. 184).

Fig. 184

1 - CONTROL PANEL FRONT PANEL
2 - UPPER HINGE

2.11.6 - VIEW OF DOOR REMOVAL

To remove the oven door:
- Remove the upper hinge.
- Extract the door upwards and outwards (see Fig. 185).

Fig. 185

1 - CONTROL PANEL FRONT PANEL
2 - OVEN DOOR

2.11.7 - EXTRACTING THE UPPER END PIECES

Pull out the upper end pieces with force (see Fig. 186).

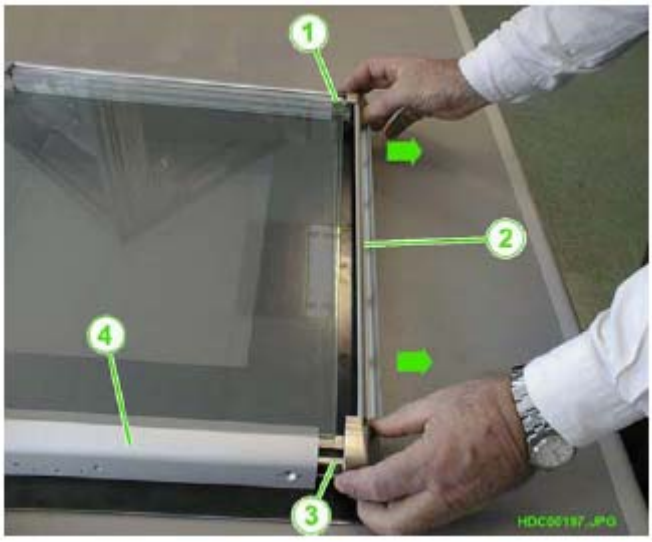


Fig. 186

1 - UPPER END PIECE RIGHT SIDE
2 - UPPER PROFILE
3 - UPPER END PIECE LEFT SIDE
4 - SUPPORT UPRIGHT FOR INTERNAL GLASS

N.B.: The upper profile is blocked between the two upper end pieces.

2.11.8 - VIEW OF THE UPPER END PIECE

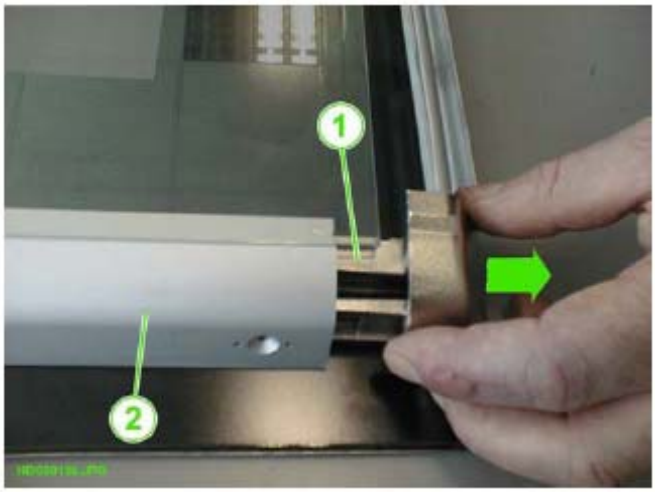


Fig. 187

1 - END PIECE
2 - SUPPORT UPRIGHT FOR INTERNAL GLASS

2.11.9 - REMOVING THE DOOR INTERNAL GLASS

Once you have removed the end pieces and the upper profile, you can slide out the door internal glass pane (or panes) (see Fig. 188).

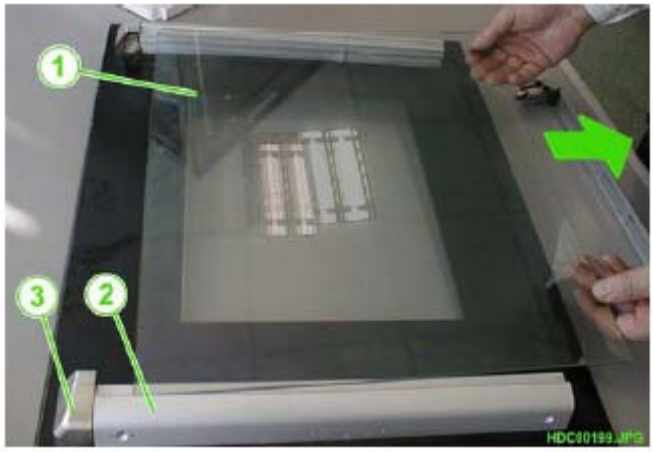


Fig. 188

1 - DOOR INTERNAL GLASS
2 - SUPPORT UPRIGHT FOR INTERNAL GLASS
3 - LOWER END PIECE

2.11.10 - REMOVING THE LOWER END PIECES

To remove the lower left end piece, unfasten the external fixing screw (see Fig. 189).

Fig. 189

1 - LOWER END PIECE LEFT SIDE
2 - SUPPORT UPRIGHT FOR INTERNAL GLASS
3 - EXTERNAL FIXING SCREW

Once you have removed the internal door glass pane (or panes), unfasten the lower right end piece fixing screw (see Fig. 190).

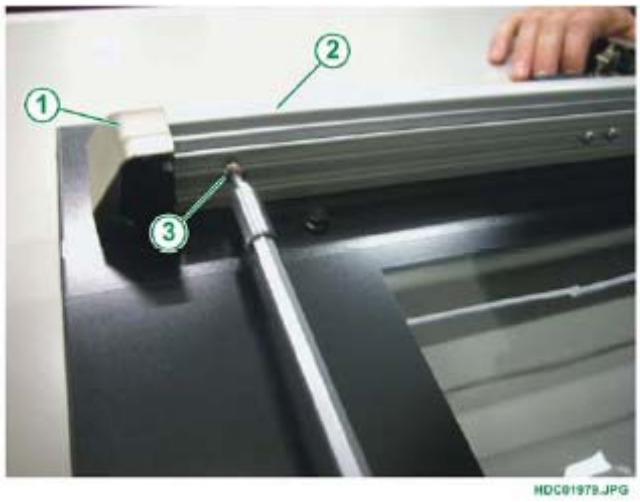


Fig. 190

1 - LOWER END PIECE RIGHT SIDE
2 - SUPPORT UPRIGHT FOR INTERNAL GLASS
3 - INTERNAL FIXING SCREW

IMPORTANT: As from production week 39 of 2007 (serial no. 739XXXXX) to remove the lower left end piece, you no longer need to remove the external screw, just unscrew the new screw fitted in the internal part as for the lower right end piece indicated in Fig. 190.

2.11.11 - EXTRACTING THE LOWER END PIECES

Extract the lower end pieces with force, once you have removed the internal glass and the end piece fixing screws (see Fig. 191).

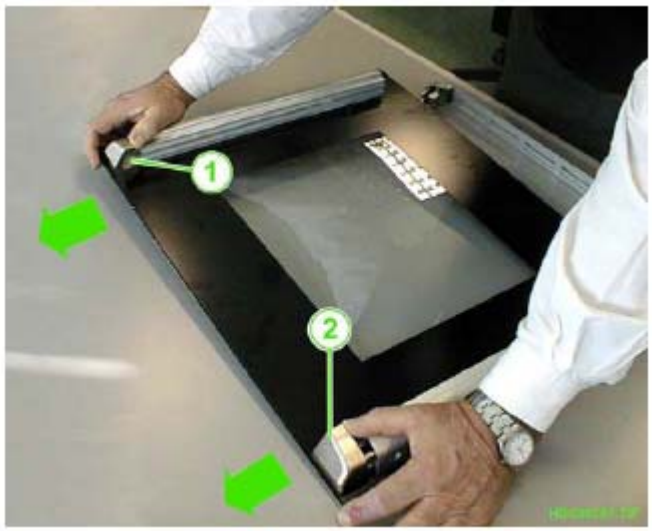


Fig. 191

1 - LOWER END PIECE LEFT SIDE
2 - LOWER END PIECE RIGHT SIDE

2.11.12 - VIEW OF THE LOWER END PIECE

Fig. 192

1 - LOWER END PIECE

2.12 - ADJUSTING THE "HINGED" DOOR ALIGNMENT

To align the door to the front panel (see Fig. 193), once you have extracted the oven from its compartment - even partially - simply turn the adjustment screw (see Fig. 194 Pos.1) in the following sequence:

1 - Loosen the two upper screws (see Chapter 2.12.1).
2 - Turn the adjustment screw until the door is aligned with the front panel, keeping the door open during the adjustment procedure (see Chapter 2.12.2).
3 - Tighten the two upper screws (see Fig. 194 Pos. 1 and 2).

Fig. 193

2.12.1 - LOOSENING THE FIXING SCREWS

Fig. 194

1 - FIXING SCREW UPPER REAR
2 - FIXING SCREW UPPER FRONT
3 - ADJUSTMENT SCREW FOR DOOR ALIGNMENT

2.12.2 - DOOR ALIGNMENT ADJUSTMENT SCREW

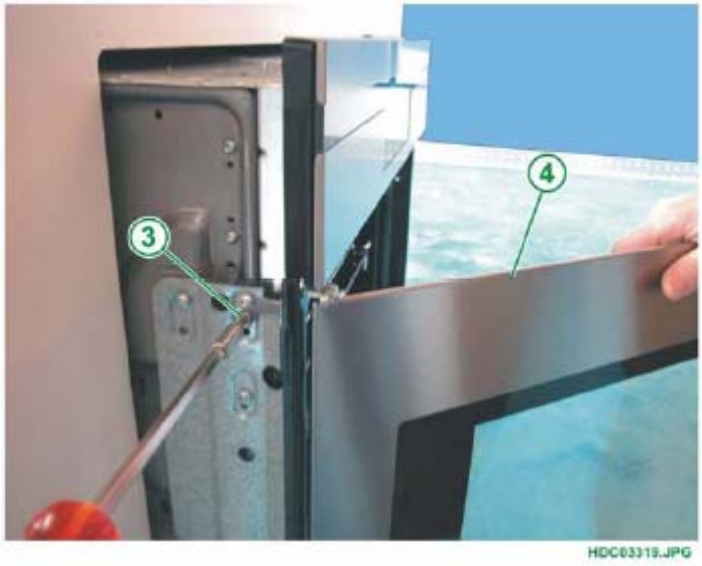


Fig. 195

3 - DJUSTMENT SCREW FOR DOOR ALIGNMENT
4 -DOOR OPEN DURING ADJUSTMENT

Fig. 196

Unscrew the adjustment screw to lower the door (see Fig.196 and 197).

Fig. 197

Tighten the adjustment screw to raise the door (see Fig. 196 and 198).

Fig. 198

2.13 - MANUAL DOOR RELEASE IN PYROLYTIC OVENS

To release the door manually on Access Plus ovens, turn the hook fixing screw or lift up the hook (depending on the door lock type, see chapters 2.13.3 and 2.13.4) through the hole featured on the oven front part.

2.13.1 - POSITION OF THE LOCK HOLE ON MODELS WITH TRADITIONAL OPENING AND LEFT "HINGED" DOOR

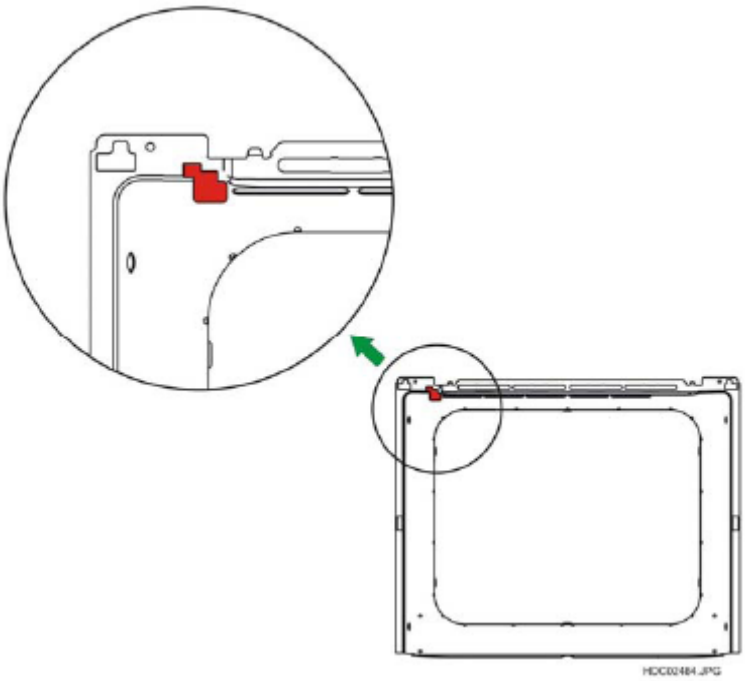


Fig. 199

2.13.2 - POSITION OF THE LOCK HOLE ON MODELS WITH RIGHT "HINGED" DOOR

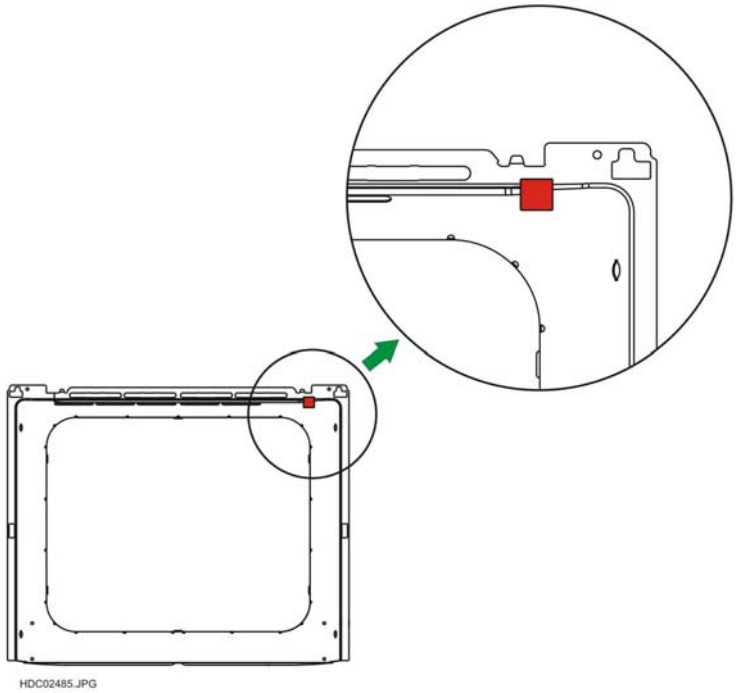


Fig. 200

2.13.3 - RELEASE ON MODELS WITH “METEOR” DOOR LOCK

To release the door manually on Access Plus ovens with "METEOR" door lock, turn the hook fixing screw through the hole featured on the oven front part (see chapters 2.13.1 and 2.13.2).

1 - Insert a 3 mm cross screwdriver into the hole to unscrew the hook fixing screw.

2 - Unscrew the hook fixing screw, so that the lock hook lifts up and unlocks the door (see Fig. 201).

3 - Check that the door lock is functioning and replace it if it is faulty (see Service Manual Troubleshooting 599371484).

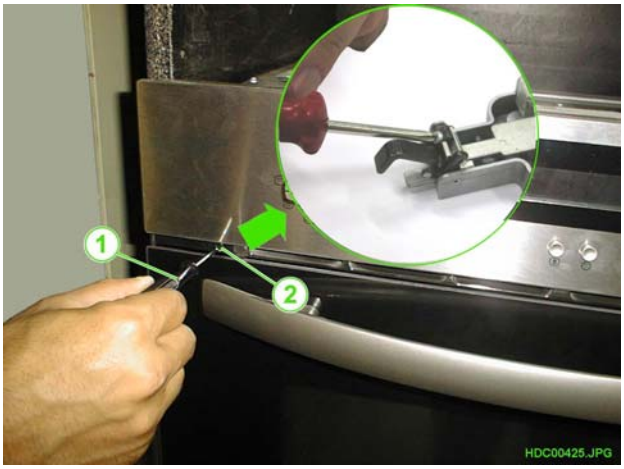


Fig. 201

1 - 3 mm CROSS SCREWDRIVER
2 - HOLE TO ACCESS THE RELEASE SCREW

2.13.4 - RELEASE ON MODELS WITH “ELTEK” DOOR LOCK

To release the door manually on Access Plus ovens with "ELTEK" door lock, directly move the hook through the hole featured on the oven front part (see chapters 2.13.1 and 2.13.2).

1 - Insert a 3 mm screwdriver into the hole to lift up the lock hook by about 3 mm to allow the door lock to be released (see Fig. 202).

2 - Check that the door lock is functioning and replace it if it is faulty (see Service Manual Troubleshooting 599371484).

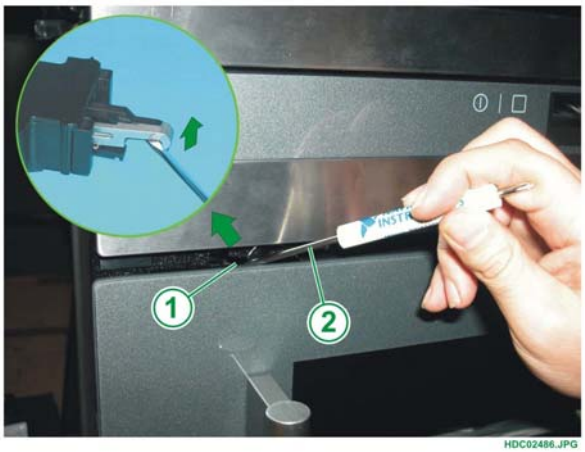


Fig. 202

1 - 3 mm PHILIPS SCREWDRIVER
2 - HOLE TO ACCESS THE DOOR LOCK HOOK

2.14 - THERMAL GLAZING

“Thermal Glazing” are special oven glass panes which undergo a special treatment on one side of the pane.
This treatment allows the glass to provide improved heat insulation (higher temperature reduction on the external side of the door).
When assembling the glass on the oven door, you must make sure that the treated glass pane is positioned facing the oven interior.
If the glass pane is positioned the other way around, the efficiency of the thermal insulation is drastically reduced.
To recognise the side which has been treated on glazing without silk-screen printing, measure the resistance, since the thermal side is conductive.

RECOGNISING THE SIDE WITH THERMAL TREATMENT

Fig. 203

Using an ohmmeter, measurethe side without the thermal treatment and the resistance should read infinite. (silk-screen printed side)

Fig. 204

Using an ohmmeter, measure the side with the heat treatment and the resistance should read approximately 200 ohm. (non silk-screen printed side)

2.15 - REMOVING THE FRONT PANEL ON NORMAL OVENS

To access the oven front panel, once you have removed the oven door and the front seal:

1 - Unfasten the 6 front panel fixing screws on the front (for views of the screws, see Fig. 205 and 206).

Fig. 205

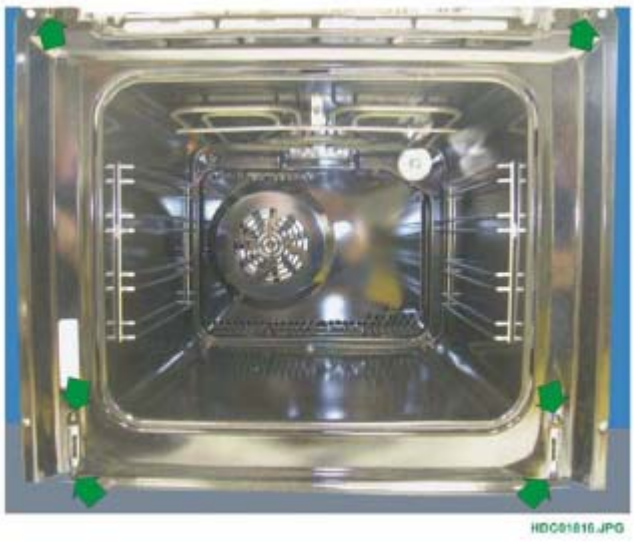


Fig. 206

1 - UPPER FIXING SCREW
2 - OVEN FRONT PANEL

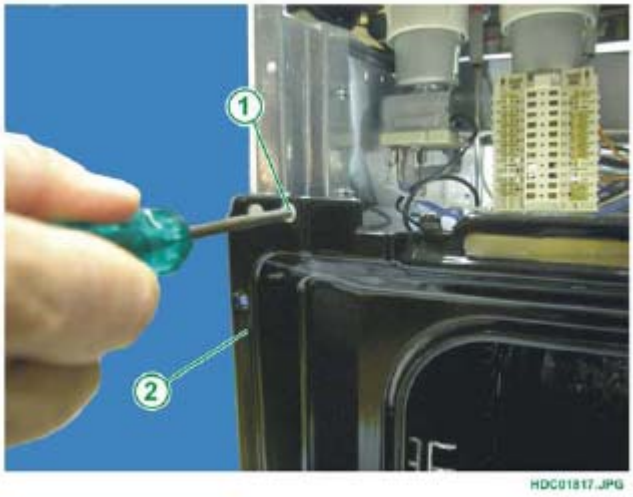
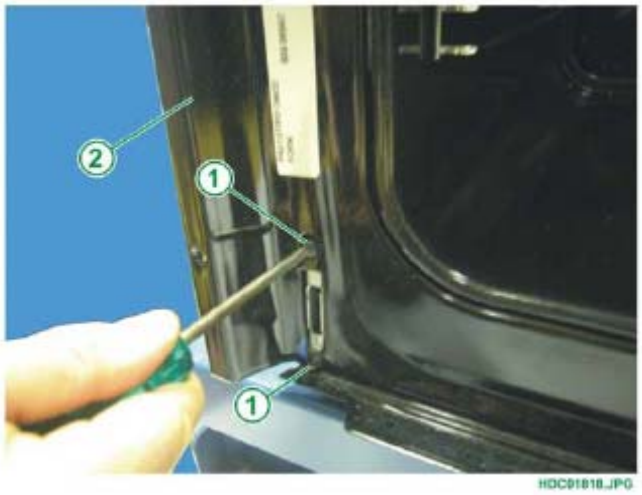


Fig. 207

1 - LOWER FIXING SCREWS
2 - OVEN FRONT PANEL



2 - Unfasten the 4 side fixing screws (2 on each side see Fig. 208 and 209).

Fig. 208

Fig. 209

1 - SIDE FIXING SCREW.
2 - OVEN FRONT PANEL.

3 - Unscrew the front panel fixing screw in the lower part of the oven (see Fig. 210 and 211).

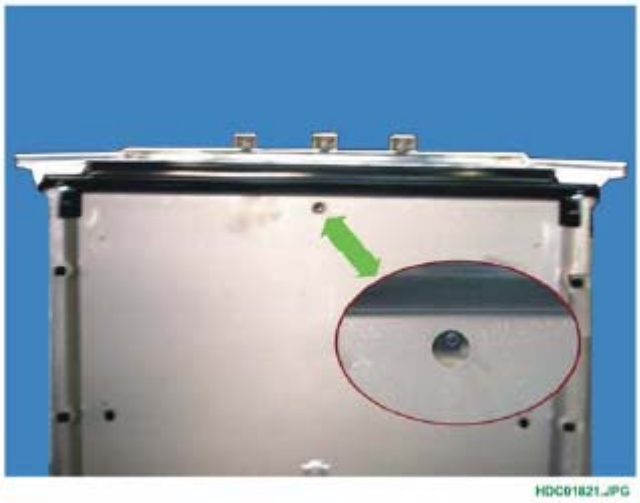


Fig. 210

Fig. 211

1 - OVEN FRONT PANEL
2 - LOWER FIXING SCREW
3 - OVEN UNDERSIDE

4 - Remove the front panel.

To reposition the front panel:

1 - First position the upper part of the front panel
2 - Then insert the front panel completely
3 - First insert the external casing front fixing screws, followed by the oven liner fixing screws.

IMPORTANT: Before inserting the fixing screws, move the front panel until the holes are aligned, and if necessary raise the oven liner slightly.

2.16 - REMOVING THE FRONT PANEL ON PYROLYTIC OVENS

To access the oven front panel, once you have removed the oven door and the front seal:

1 - Unfasten the 6 front panel fixing screws on the front (for views of the screws, see Fig. 212, 213 and 214).

Fig. 212

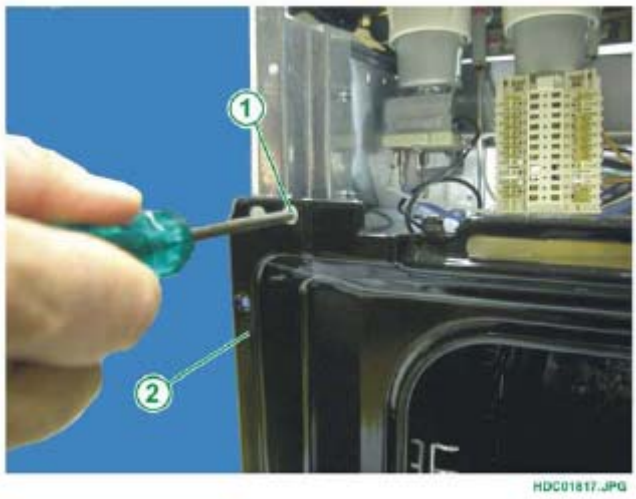
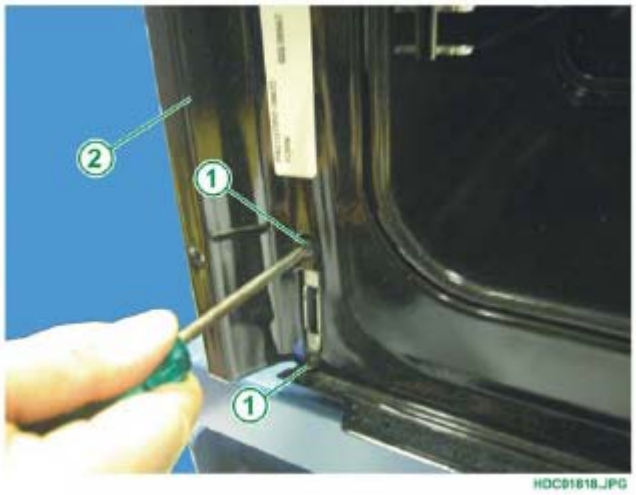


Fig. 213

1 - UPPER FIXING SCREW
2 - OVEN FRONT PANEL

Fig. 214

1 - LOWER FIXING SCREWS
2 - OVEN FRONT PANEL

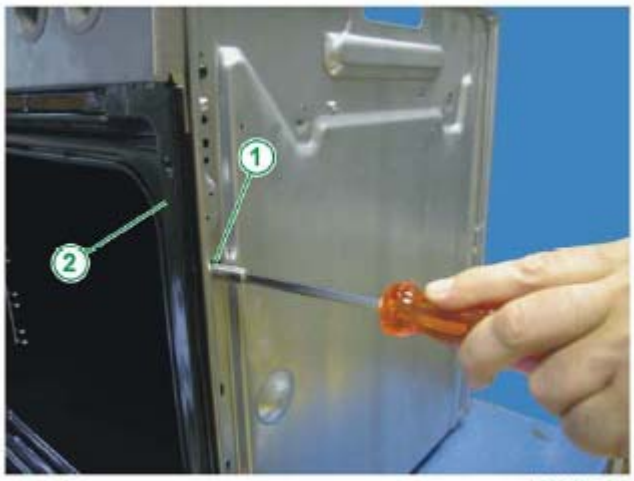


2 - Unfasten the 4 side fixing screws (2 on each side see Fig. 215 and 216).

Fig. 215

Fig. 216

1 - SIDE FIXING SCREW.
2 - OVEN FRONT PANEL.



3 - Unscrew the front panel fixing screw in the lower part of the oven (see Fig. 217 and 218).

Fig. 217

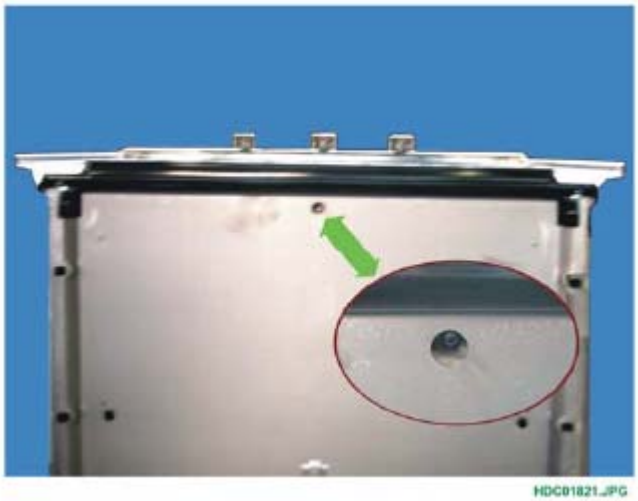


Fig. 218

1 - OVEN FRONT PANEL
2 - LOWER FIXING SCREW
3 - OVEN UNDERSIDE

4 - Unfasten the 4 fixing screws of the fan deflector (2 on each side) to access the front panel upper fixing screw (see Fig. 219 and 220).

Fig. 219

1 - FIXING SCREWS - FAN DEFLECTOR
2 - TORX SCREWDRIVER

Fig. 220

1 - FIXING SCREWS - FAN DEFLECTOR

5 - Pull back the fan deflector (see Fig. 221).

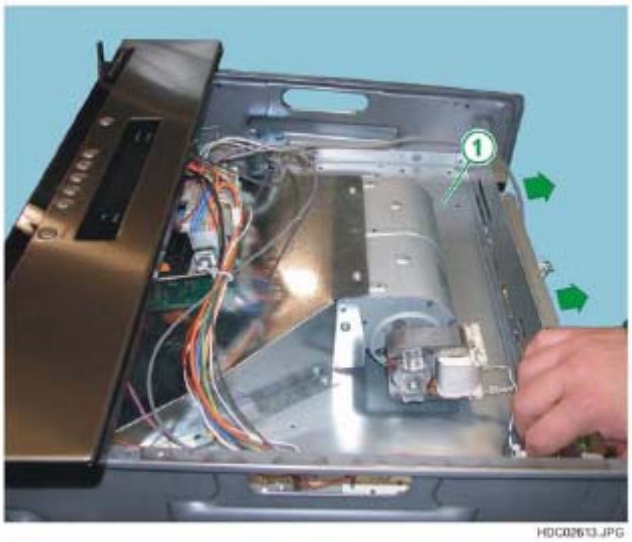


Fig. 221

1 - FAN DEFLECTOR

6 - Unfasten the front panel upper fixing screw (see Fig. 222).

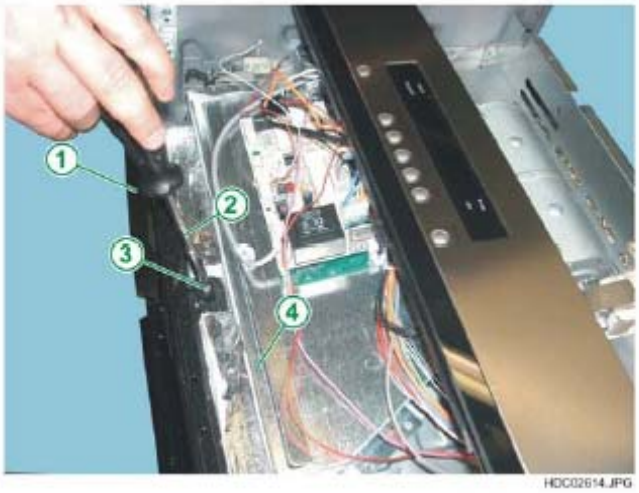


Fig. 222

1 - OVEN FRONT PANEL
2 - TORX SCREWDRIVER
3 - UPPER FIXING SCREW FOR FRONT PANEL
4 - FAN DEFLECTOR

7 - Remove the front panel.

To reposition the front panel:

1 - First position the upper part of the front panel
2 - Then insert the front panel completely
3 - First insert the external casing front fixing screws, followed by the oven liner fixing screws.
4 - Reposition the fan deflector, making sure you insert the front edge of the deflector into the correct seat, with the aid of a Philips screwdriver if necessary (see Fig. 223).
5 - Replace the fixing screws on the fan deflector

IMPORTANT: Before inserting the fixing screws, move the front panel until the holes are aligned, and if necessary raise the oven liner slightly.

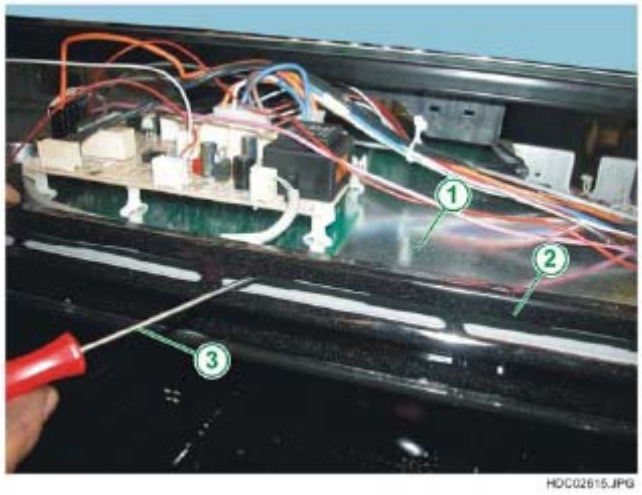


Fig. 223

1 - FAN DEFLECTOR
2 - OVEN FRONT PANEL
3 - TORX SCREWDRIVER

2.17 - GAS HOB SECTION WITH FLEXIBLE PIPES

The gas hob with flexible pipes is positioned in the upper part of the oven.
To access the components of the hob and the upper components of the oven, it is necessary to extract the hob-oven assembly from its built-in compartment.

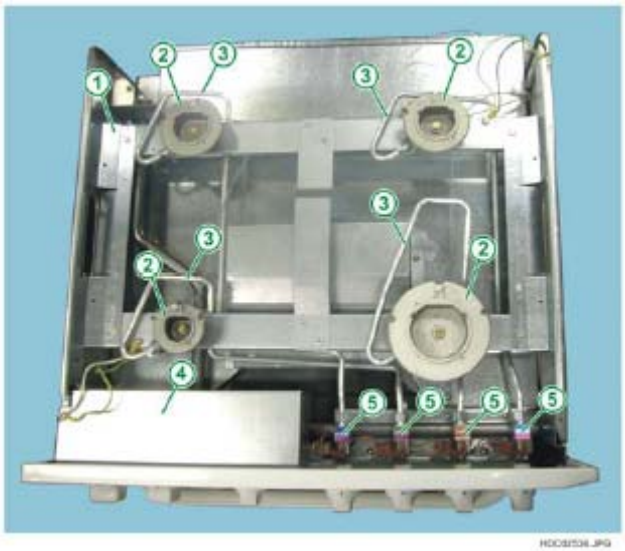


Fig. 224

1 - GAS HOB FRAME
2 - GAS BURNER
3 - BURNER SUPPLY PIPE
4 - CONTROL PROTECTION BOX
5 - GAS COCK

2.17.1 - HOB EXTENSION

The flexibility of the gas supply pipes for the gas hob makes it possible to extend the hob upwards in order to adapt it to the built-in compartment.

Fig. 225

2.17.2 - REMOVING THE CONTROL PROTECTION BOX

To access the timer, the function selector, the oven thermostat and the indicator lights, you need to remove the control protection box by unscrewing the two fixing screws (see Fig. 226 and 227).

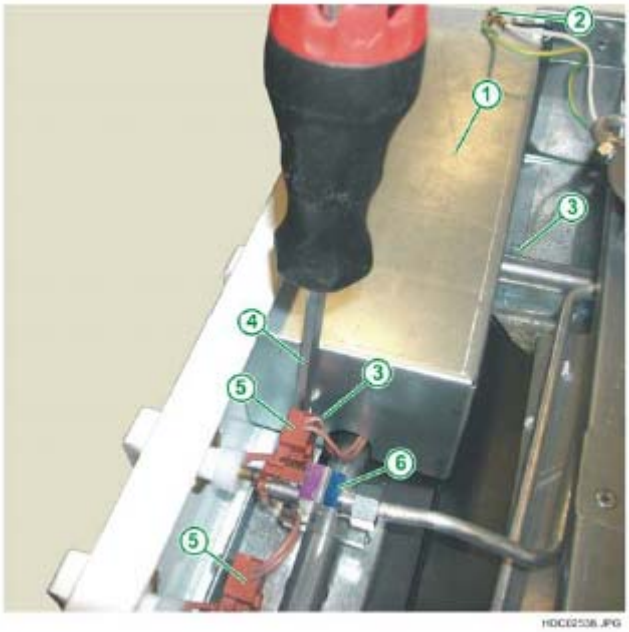


Fig. 226

1 - CONTROL PROTECTION BOX
2 - FIXING SCREWS - FOR THE BOX + EARTH CONNECTION
3 - FIXING SCREWS FOR THE BOX
4 - TORX SCREWDRIVER
5 - BURNER IGNITION MICRO
6 - GAS BURNER COCK

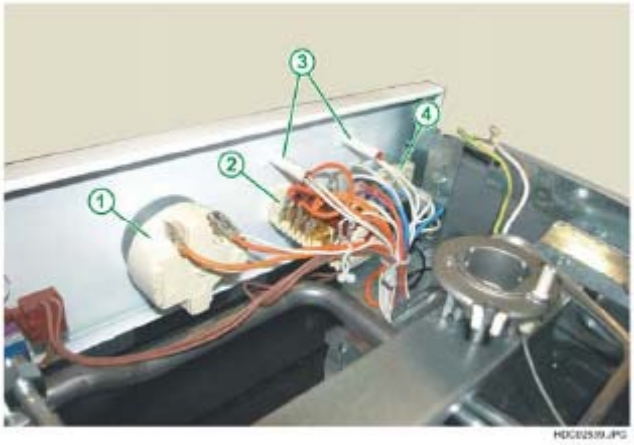


Fig. 227

1 - TIMER
2 - FUNCTION SELECTOR
3 - INDICATOR LIGHTS
4 - OVEN THERMOSTAT

2.17.3 - REMOVING THE TANGENTIAL FAN PROTECTION

To access the tangential cooling fan, you need to remove the tangential fan protection box by unscrewing the 4 screws (see Fig. 228, 229 and 230).

Fig. 228

1 - GAS BURNER
2 - TANGENTIAL FAN PROTECTION BOX
3 - FIXING SCREWS FOR THE BOX, LEFT SIDE
4 - TORX SCREWDRIVER

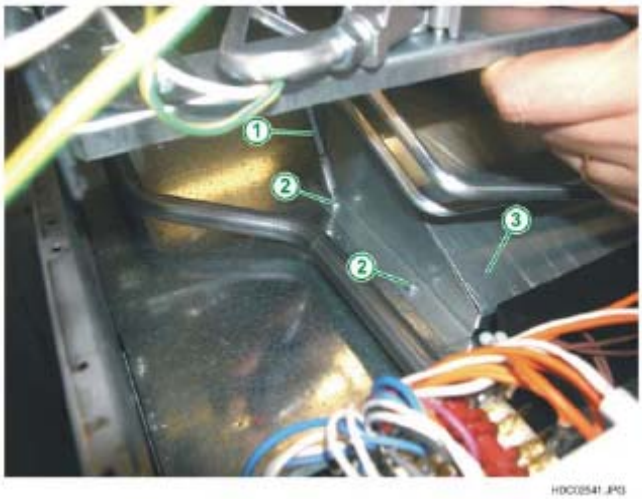


Fig. 229

1 - TORX SCREWDRIVER
2 - FIXING SCREWS FOR THE BOX, RIGHT SIDE
3 - TANGENTIAL FAN PROTECTION BOX

To remove the fan protection box, once you have removed the screws:

1 - Lift up the box at the front (see Fig. 230)

Fig. 230

1 - TANGENTIAL FAN PROTECTION BOX

2 - Move the box towards the front (see Fig. 231).

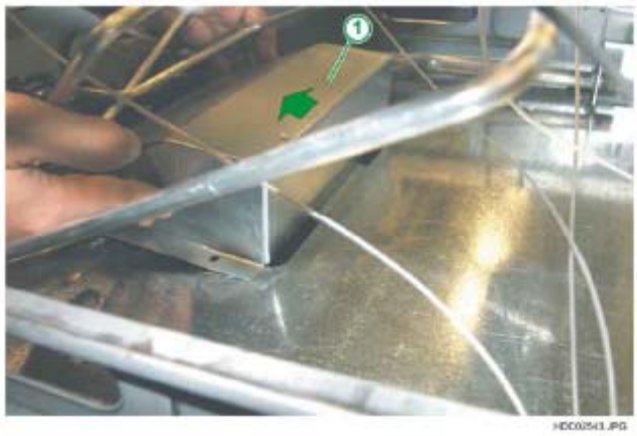


Fig. 231

1 - TANGENTIAL FAN PROTECTION BOX

3 - Lift the box upwards (see Fig. 232).

Fig. 232

1 - TANGENTIAL FAN PROTECTION BOX

2.17.4 - REMOVING THE TANGENTIAL COOLING FAN

To remove the tangential cooling fan, once you have removed the protection box:

1 - Unfasten the two side screws (see Fig. 233, 234 and 235)
2 - Disconnect the connection wires.

Fig. 233

1 - PLASTIC FAN BODY
2 - FIXING SCREWS -
3 - ELECTRIC CONNECTIONS
4 - FAN MOTOR

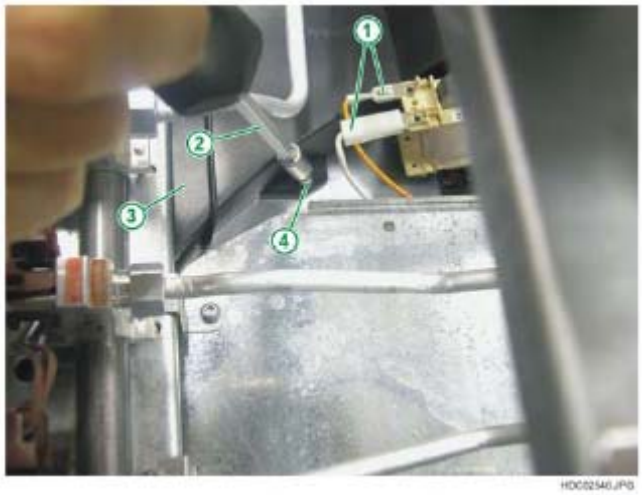


Fig. 234

1 - ELECTRIC CONNECTIONS
2 - TORX SCREWDRIVER
3 - PLASTIC FAN BODY
4 - FIXING SCREW - RIGHT SIDE

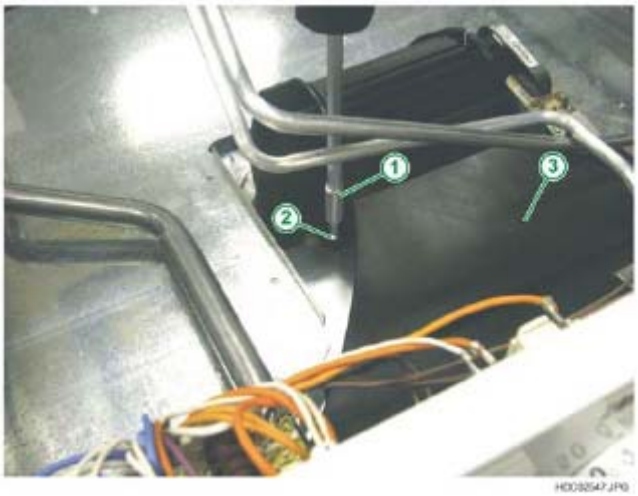


Fig. 235

1 - TORX SCREWDRIVER
2 - FIXING SCREW - LEFT SIDE
3 - PLASTIC FAN BODY

2.17.5 - REMOVING THE GAS SUPPLY PIPES

To remove the gas supply pipes, once you have extracting the oven from its built-in compartment, just unscrew the pipe fixing nuts using a 12 mm key for the burner
and a 15 mm one for the cock (see Fig. 236 and 237).

Fig. 236

1 - GAS SUPPLY PIPES
2 - PIPE-COCK FIXING NUT (15 mm)
3 - GAS COCK
4 - BURNER IGNITION MICRO

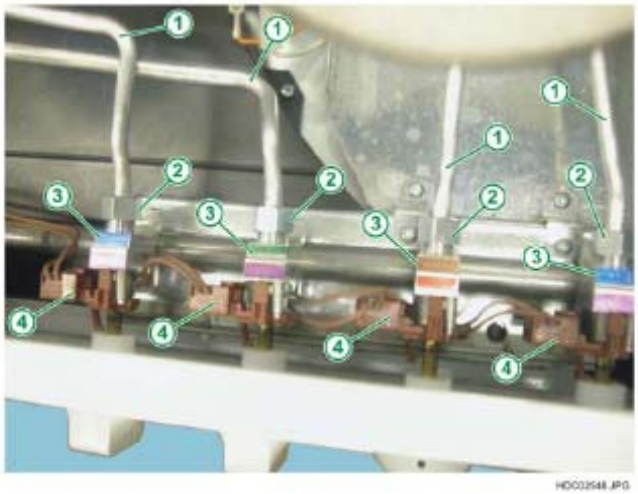
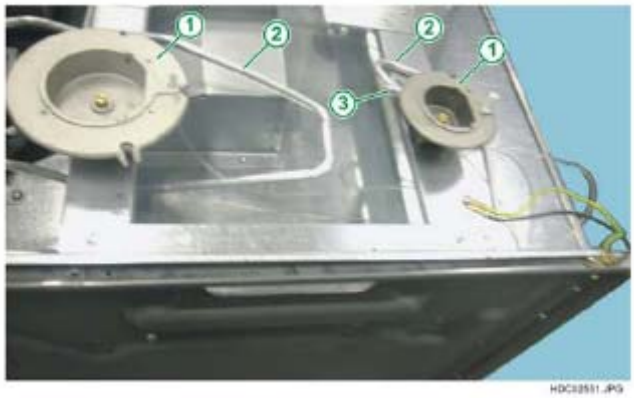


Fig. 237

1 - GAS BURNERS
2 - GAS SUPPLY PIPES
3 - PIPE-COCK FIXING NUT (12 mm)



IMPORTANT: After positioning the gas supply pipes, perform a test to check for any possible gas leaks.

2.17.6 - REMOVING THE GAS RAMP

To remove the ramp:

1 - Slide off the knobs from the cocks (see Fig. 238).

Fig. 238

2 - Remove the gas connection pipes (see Chapter entitled 2.17.5 - REMOVING THE GAS SUPPLY PIPES).
3 - Unscrew the ramp fixing screws at the top (see Fig. 239 and 240).

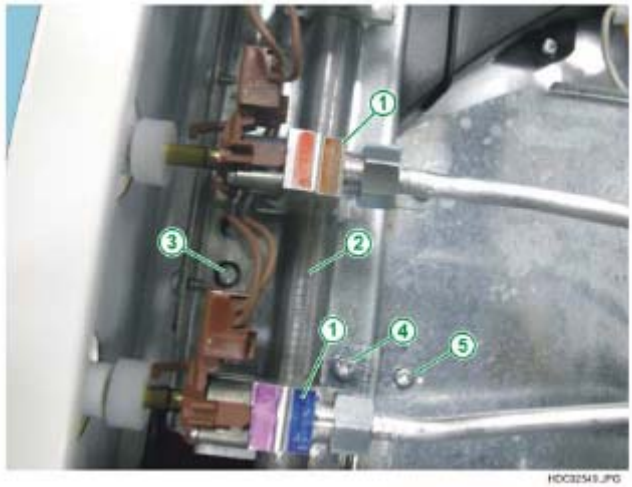


Fig. 239

1 - GAS COCK
2 - GAS RAMP
3 - RAMP UPPER RIGHT FIXING SCREW
4 - RAMP - FIXING BRACKET FIXING SCREW
5 - FIXING BRACKET - DEFLECTOR FIXING SCREW

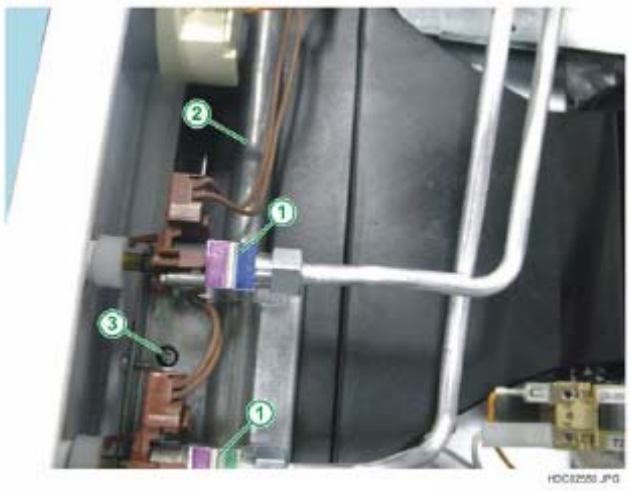


Fig. 240

1 - GAS COCK
2 - GAS RAMP
3 - UPPER LEFT RAMP FIXING SCREW

4 - Unscrew the 2 gas connection support bracket fixing screws (see Fig. 241).

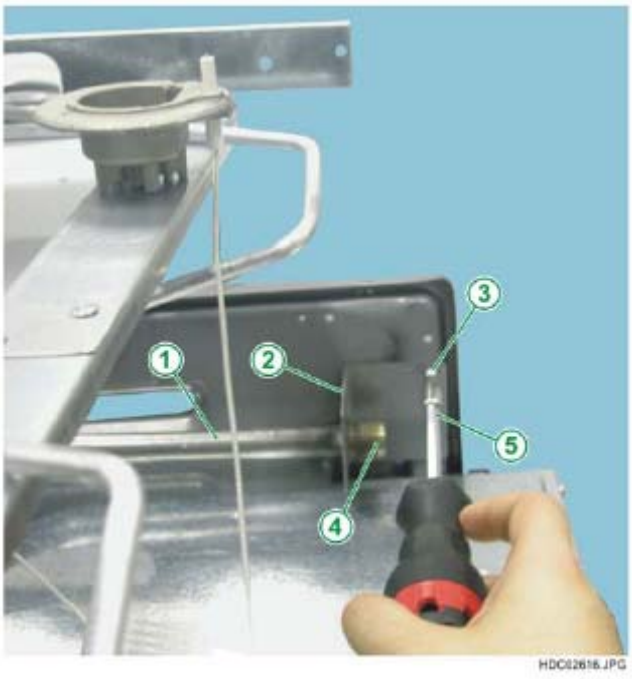


Fig. 241

1 - GAS RAMP
2 - GAS CONNECTION SUPPORT FIXING BRACKET
3 - FIXING SCREW - SUPPORT FIXING BRACKET
4 - GAS SUPPLY CONNECTION
5 - TORX SCREWDRIVER

2.17.7 - REMOVING THE HOB ASSEMBLY

To remove the hob assembly:

1 - Remove the control protection box by unscrewing the 4 fixing screws (see chapter 2.17.2).
2 - Remove the 4 ramp fixing screws (see chapter 2.17.6).
3 - Remove the 2 gas connection fixing screws (see chapter 2.17.6).
4 - Extract the hob assembly

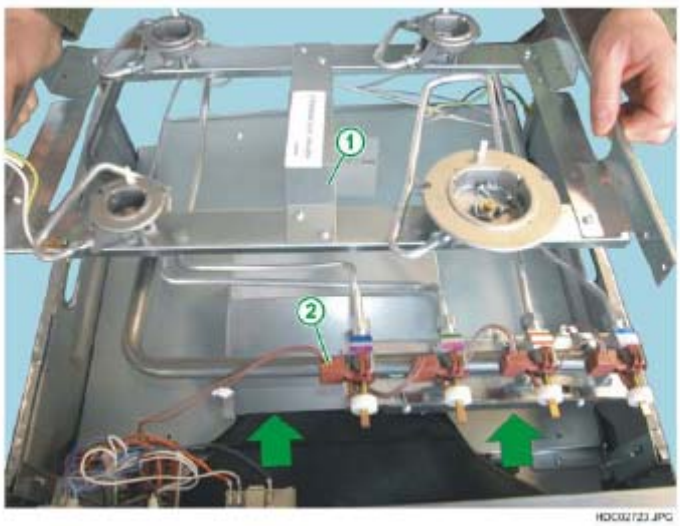


Fig. 242

1 - HOB ASSEMBLY
2 - IGNITION MICRO SWITCH ASSEMBLY

2.17.8 - REMOVING THE GAS COCKS

To remove the gas cocks:

1 - Remove the ramp (see Chapter 2.17.6 entitled REMOVING THE RAMP).
2 - Unfasten the cock fixing screws (see Fig. 243).

Fig. 243

1 - GAS SUPPLY PIPE TO BURNER
2 - RAMP ASSEMBLY FIXING BRACKET
3 - GAS RAMP
4 - BRACKET FIXING SCREWS
5 - FIXING SCREWS FOR THE COCKS
6 - COCK FIXING BASE
7 - COCK CONTROL PIN

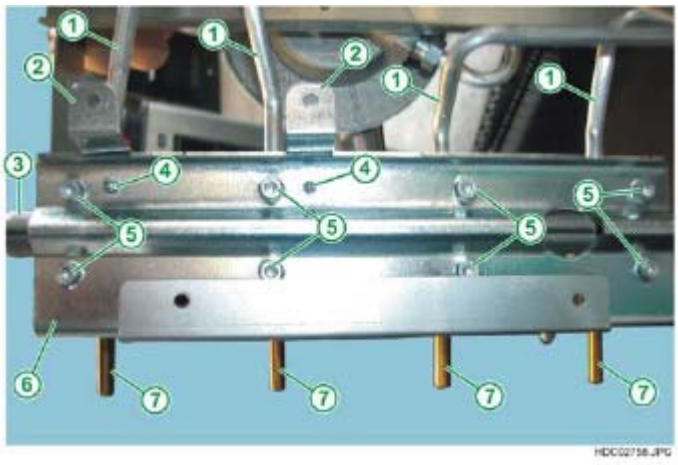
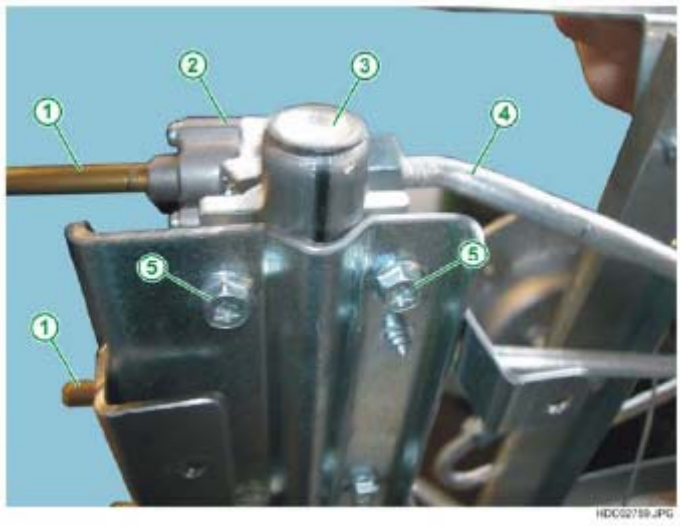


Fig. 244

1 - COCK CONTROL PIN
2 - COCK
3 - GAS RAMP
4 - GAS SUPPLY PIPE TO BURNER
5 - FIXING SCREWS FOR THE COCKS



IMPORTANT: After repositioning the gas cocks perform a test to check for any possible gas leaks.

2.17.9 - REMOVING THE IGNITION MICRO ASSEMBLY

To remove the ignition micro switch assembly:

1 - Remove the hob assembly from the oven (see Chapter 2.17.7).
2 - Release the various micro switches from the related cock using a Philips screwdriver (see Fig. 245).
3 - Detach the the connection wires from the micro assembly.

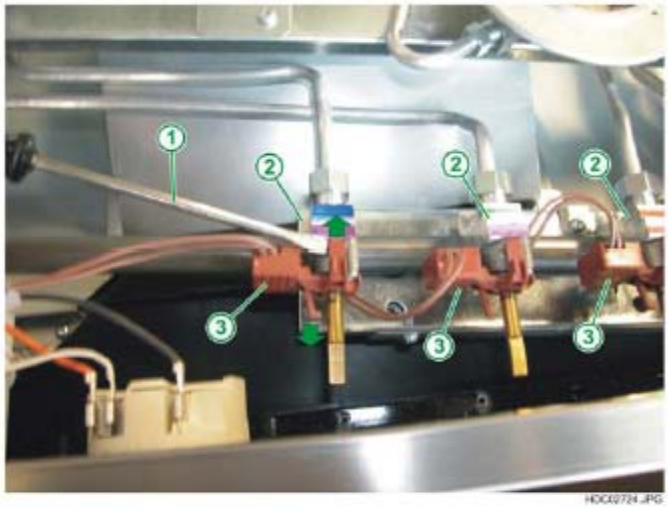


Fig. 245

1 - PHILIPS SCREWDRIVER
2 - COCK
3 - IGNITION MICRO SWITCH

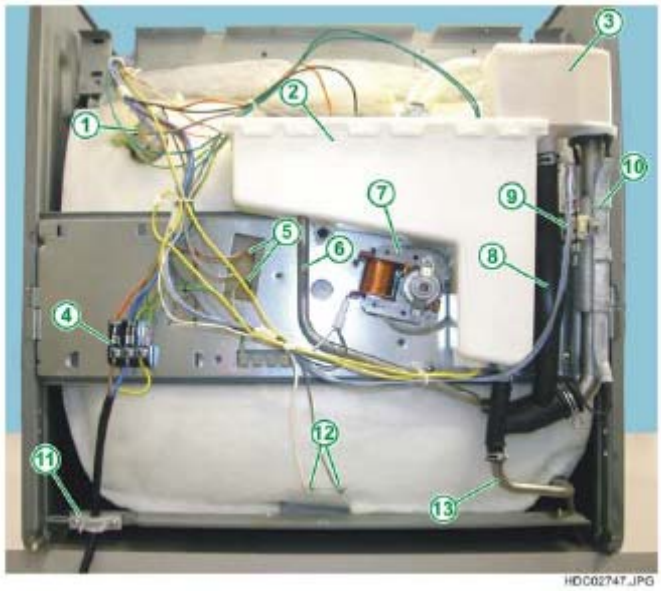
3 - STEAM OVENS

3.1 - REMOVING THE TANK + STEAM GENERATOR ASSEMBLY

To remove the tank + steam generator assembly:

1 - Remove the rear panel (see Fig. 246).

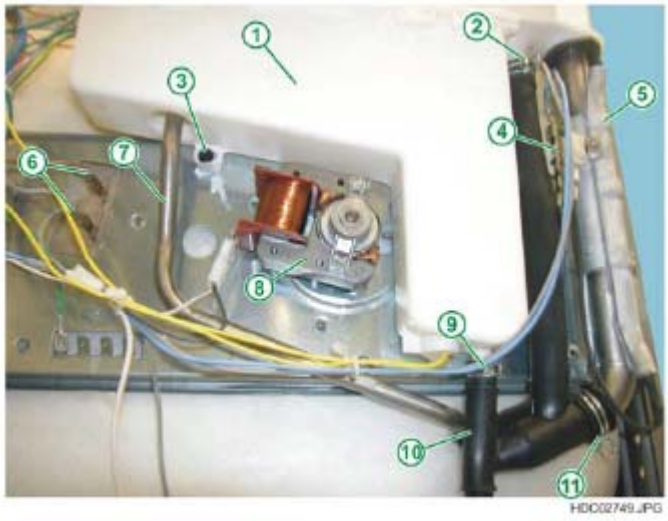
Fig. 246



1 - LAMPHOLDER
2 - WATER TANK
3 - EXPANSION CHAMBER
4 - TERMINAL BOARD
5 - ELECTRICAL CONTACTS FOR CONVECTION HEATING ELEMENT
6 - OVERFLOW PIPE
7 - CONVECTION FAN
8 - SILICONE CONNECTION FOR TANK
9 - THERMOSTAT ASSEMBLY - STEAM GENERATOR
10 - STEAM GENERATOR
11 - CABLE CLAMP
12 - ELECTRICAL CONTACTS FOR BOTTOM HEATING ELEMENT
13 - WATER DRAIN PIPE

2 - Unfasten the 2 tank assembly fixing screws (see Fig. 247 and 248).

Fig. 247



1 - WATER TANK
2 - FIXING CLAMP - SILICONE CONNECTION - EXPANSION CHAMBER
3 - TANK FIXING SCREW
4 - THERMOSTAT ASSEMBLY - STEAM GENERATOR
5 - STEAM GENERATOR
6 - ELECTRICAL CONTACTS FOR CONVECTION HEATING ELEMENT
7 - OVERFLOW PIPE
8 - CONVECTION FAN MOTOR
9 - FIXING CLAMP - SILICONE CONNECTION - TANK
10 - SILICONE CONNECTION -
11 - FIXING CLAMP - SILICONE CONNECTION - STEAM GENERATOR

3 - Unscrew the overflow pipe fixing screw (see Fig. 248 and 249).

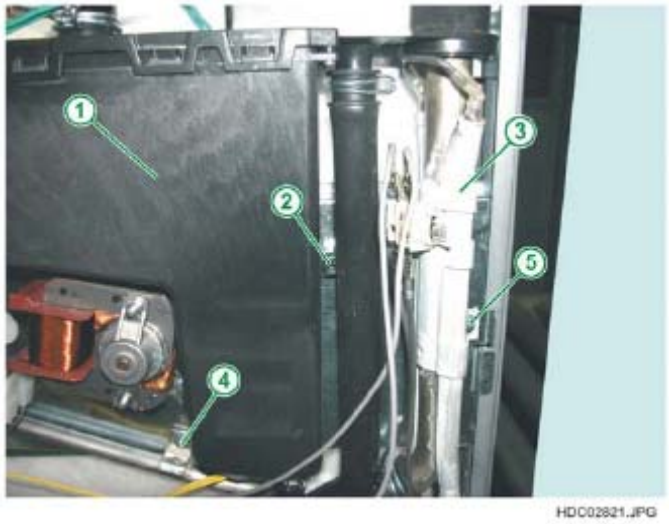


Fig. 248

1 - WATER TANK
2 - FIXING SCREW - TANK
3 - STEAM GENERATOR ASSEMBLY
4 - OVERFLOW PIPE FIXING SCREW
5 - FIXING SCREW - STEAM GENERATOR

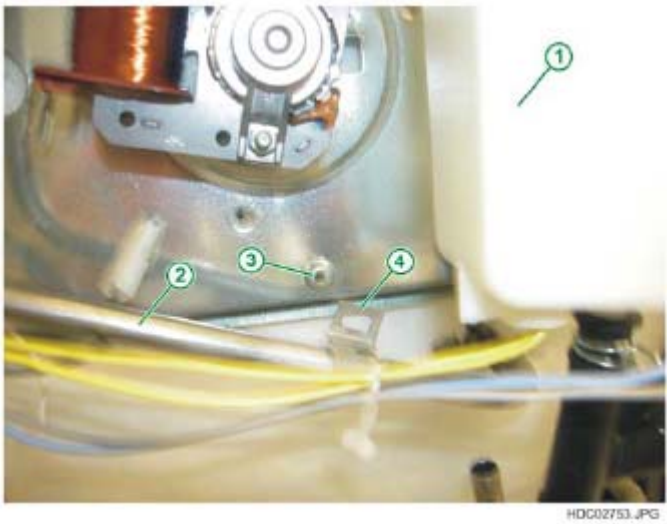


Fig. 249

1 - WATER TANK
2 - OVERFLOW DRAIN PIPE
3 - HOLE FOR FIXING SCREW FOR OVERFLOW DRAIN PIPE
4 - FIXING CLAMP FOR OVERFLOW DRAIN PIPE

4 - Pull back the assembly to slide off the steam outlet pipe (see Fig. 250).

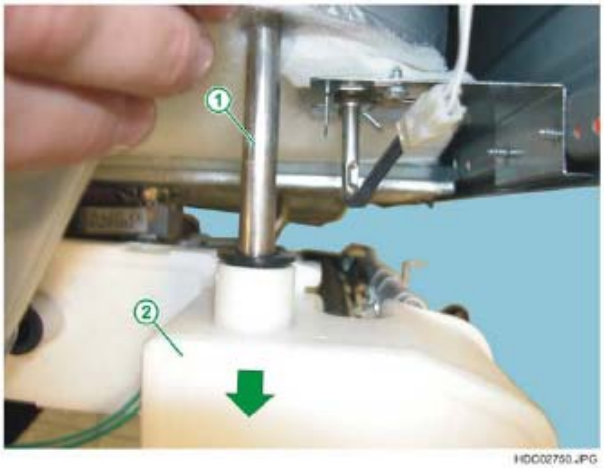


Fig. 250

1 - STEAM OUTLET PIPE
2 - EXPANSION CHAMBER

5 - Slide off the water drain pipe from the silicone connection, releasing the fixing clamp with pliers (see Fig. 251).

Fig. 251

1 - WATER TANK
2 - STEAM GENERATOR
3 - FIXING CLAMP - SILICONE CONNECTION - TANK
4 - FIXING CLAMP - SILICONE CONNECTION - DRAIN PIPE
5 - SILICONE CONNECTION -
6 - FIXING CLAMP - SILICONE CONNECTION - STEAM GENERATOR
7 - WATER DRAIN PIPE
8 - WATER DRAIN PIPE FIXING SCREW

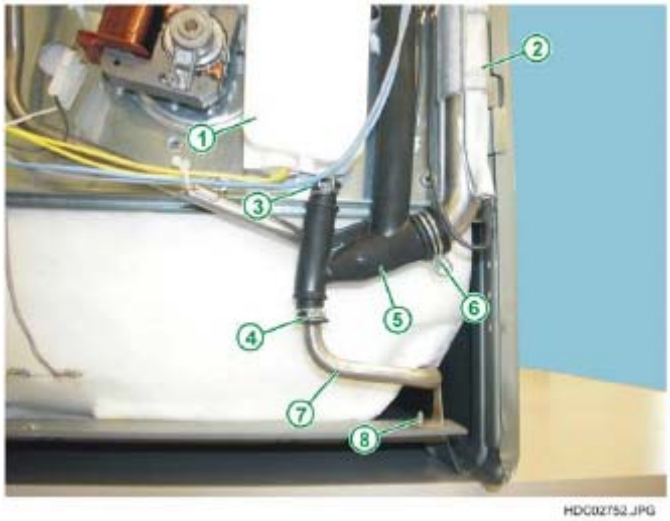
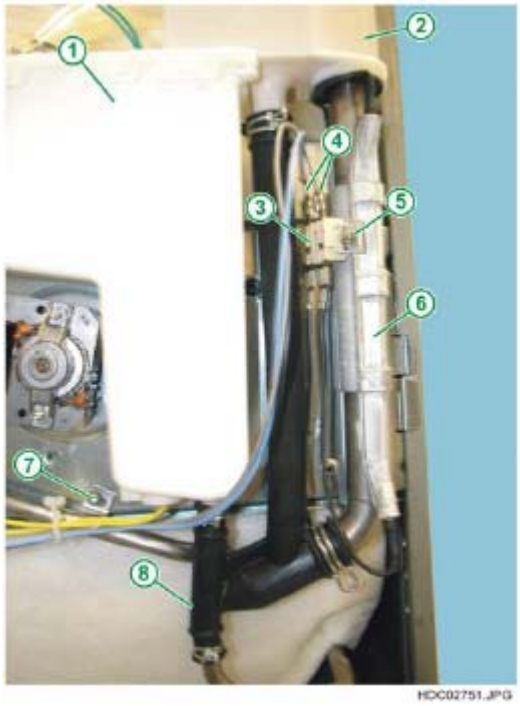


Fig. 252

1 - WATER TANK
2 - EXPANSION CHAMBER
3 - THERMOSTAT ASSEMBLY - STEAM GENERATOR
4 - ELECTRICAL CONNECTION FOR STEAM GENERATOR ASSEMBLY
5 - THERMOSTAT ASSEMBLY FIXING SCREW
6 - STEAM GENERATOR
7 - OVERFLOW PIPE FIXING SCREW
8 - SILICONE CONNECTION -



3.2 - REMOVING THE “REED” LEVEL INDICATOR SWITCHES

To remove the REED switch assembly:

1 - Remove the rear panel to access the "Full" and "Empty" indicator REEDs (see Fig. 253 and 254).

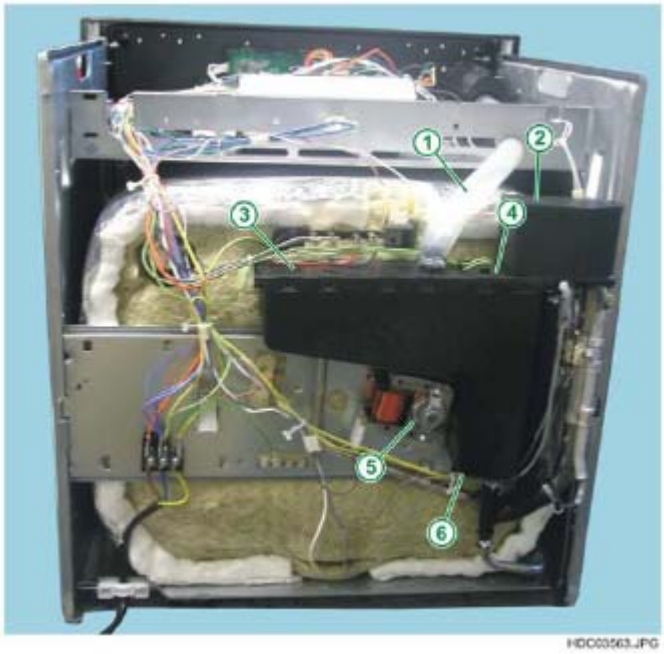


Fig. 253

1 - WATER FILL PIPE
2 - EXPANSION CHAMBER
3 - WATER TANK
4 - “REED” SWITCH FULL INDICATION
5 - CONVECTION FAN MOTOR
6 - “REED” SWITCH EMPTY INDICATION

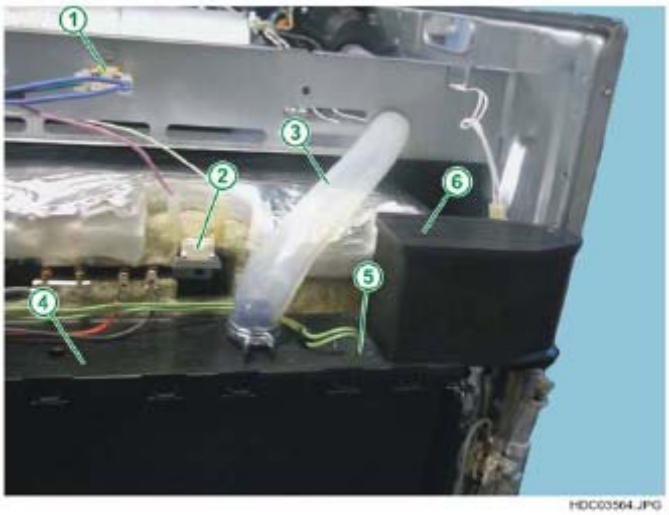


Fig. 254

1 - DOOR LOCK THERMOSTAT (*)
2 - FAN THERMOSTAT (*)
3 - WATER FILL PIPE
4 - WATER TANK
5 - “REED” SWITCH FULL INDICATION
6 - EXPANSION CHAMBER

(*) N.B.: ONLY FEATURED IN PYROLYTIC MODELS

2 - Extract the rubber support for the REED switches using long-nose pliers (see Fig. 255).

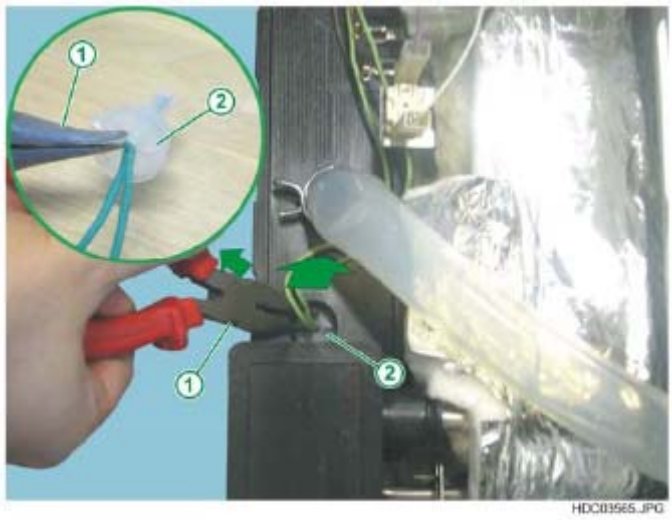


Fig. 255

1 - LONG-NOSE PLIERS
4 - REED SWITCH SUPPORT FULL INDICATION

3 - Slide the REED switch + rubber support assembly out from the related housings (see Fig. 256).

Fig. 256

1 - “REED” SWITCH

4 - Slide the REED switches off the rubber supports (see Fig. 257).

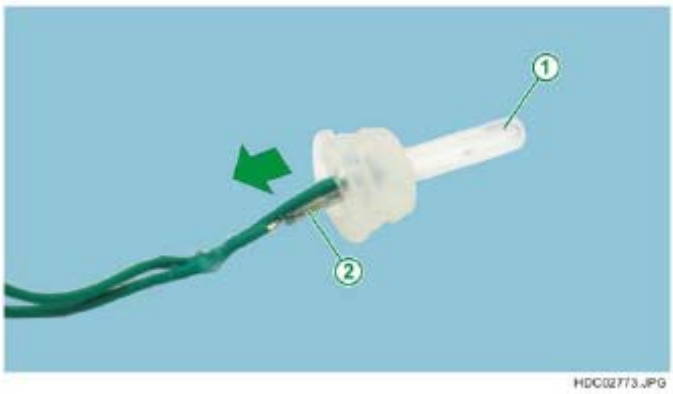


Fig. 257

1 - PLASTIC SILICONE SUPPORT
2 - “REED” SWITCH

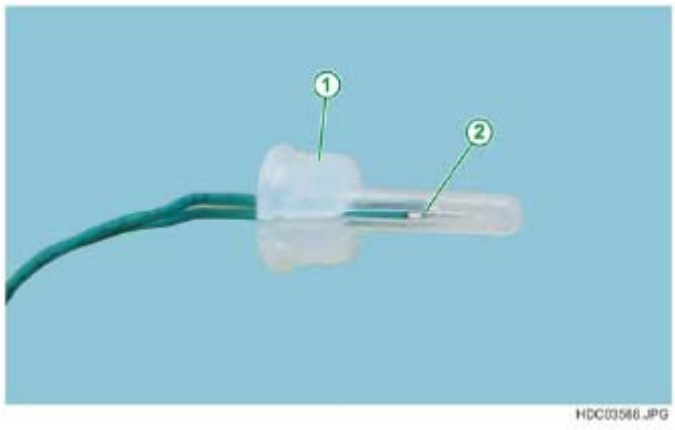
3.3 - REPOSITIONING THE “REED” LEVEL INDICATOR SWITCHES

When repositioning the REED switches in their respective silicone rubber support and when repositioning the assembly in the tank, make sure that when re-assembly is complete, the REED switch is fully inserted (see Fig. 259).
If the switch is only partially inserted (see Fig. 258), this could result in false empty or full water level indications.

“REED” SWITCH INSERTED **INCORRECTLY**

Fig. 258

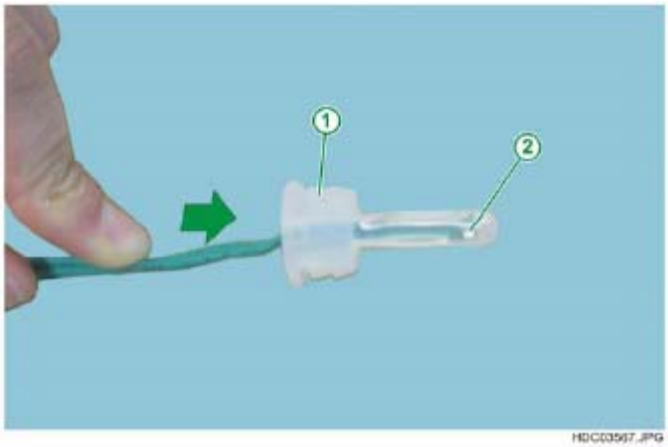
1 - SILICONE RUBBER SUPPORT
2 - “REED” SWITCH



“REED” SWITCH INSERTED **CORRECTLY**

Fig. 259

1 - PLASTIC SILICONE SUPPORT
2 - “REED” SWITCH



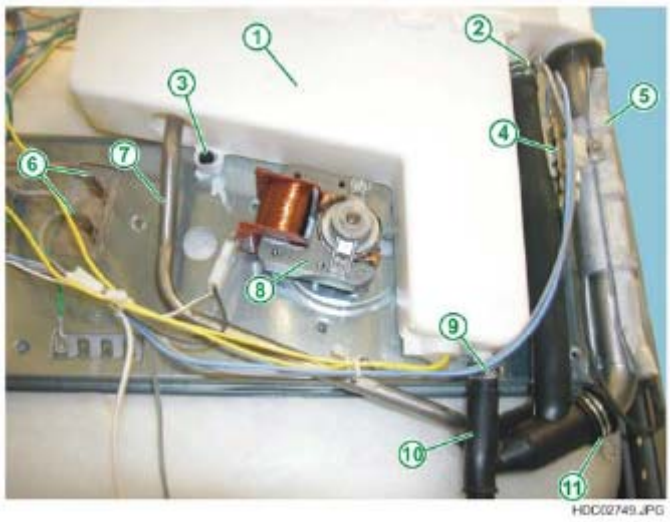
3.4 - REMOVING THE WATER TANK

To remove the water tank:

1 - Remove the tank + steam generator assembly (see chapter 3.1).

Fig. 260

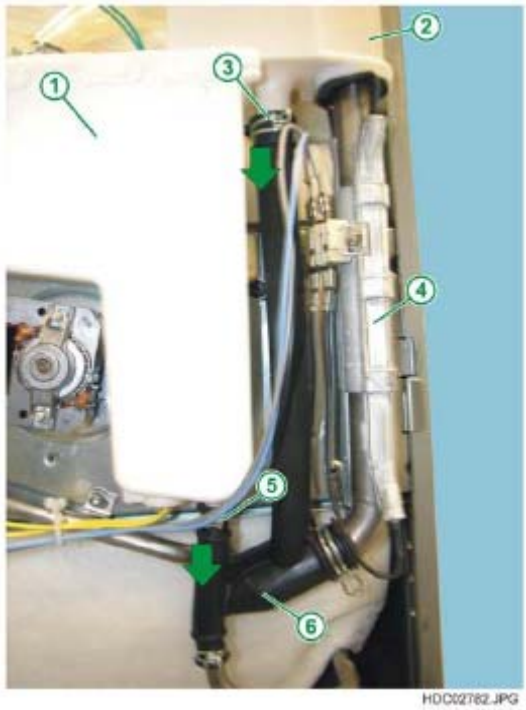
1 - WATER TANK
2 - FIXING CLAMP - SILICONE CONNECTION - EXPANSION CHAMBER
3 - FIXING SCREW - TANK
4 - THERMOSTAT ASSEMBLY - STEAM GENERATOR
5 - STEAM GENERATOR
6 - ELECTRICAL CONTACTS FOR CONVECTION HEATING ELEMENT
7 - OVERFLOW PIPE
8 - CONVECTION FAN MOTOR
9 - FIXING CLAMP - SILICONE CONNECTION - TANK
10 - SILICONE CONNECTION
11 - FIXING CLAMP - SILICONE CONNECTION - STEAM GENERATOR



2 - Slide off the silicone connection from the tank, releasing the fixing clamps with pliers (see Fig. 261).

Fig. 261

1 - WATER TANK
2 - EXPANSION CHAMBER
3 - FIXING CLAMP - SILICONE CONNECTION - EXPANSION CHAMBER
4 - STEAM GENERATOR.
5 - FIXING CLAMP - SILICONE CONNECTION - TANK.
6 - SILICONE CONNECTION



3 - Slide the steam outlet pipe for the steam generator assembly out of the expansion chamber (see Fig. 262).

Fig. 262

1 - WATER TANK
2 - EXPANSION CHAMBER
3 - GENERATOR STEAM OUTLET PIPE.
4 - STEAM GENERATOR.

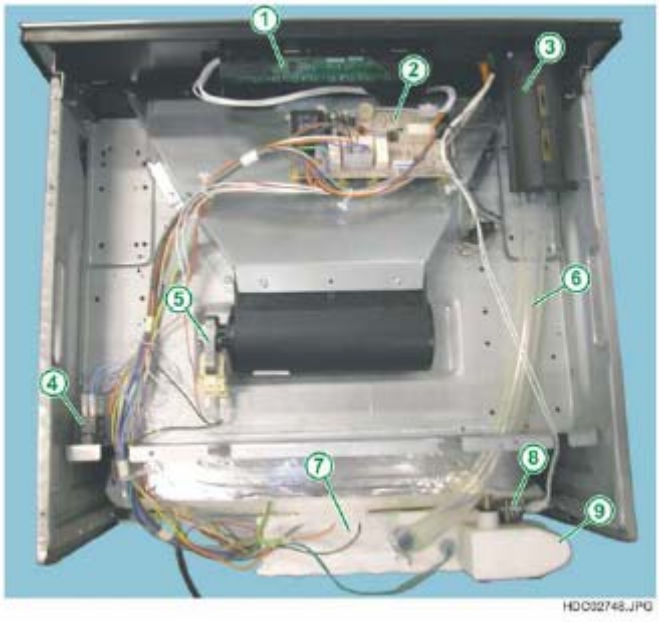
3.5 - REMOVING THE WATER FILLER DRAWER AND CONTROL COMPONENTS

To remove the water filler drawer assembly:

1 - Remove the top oven cover panel.

Fig. 263

1 - CONTROL UNIT - KRONOS
2 - POWER BOARD OVC1000
3 - WATER FILLER DRAWER
4 - STEAM GENERATOR CONTROL RELAY
5 - TANGENTIAL COOLING FAN
6 - WATER FILL PIPE
7 - WATER TANK
8 - TEMPERATURE SENSOR
9 - EXPANSION CHAMBER



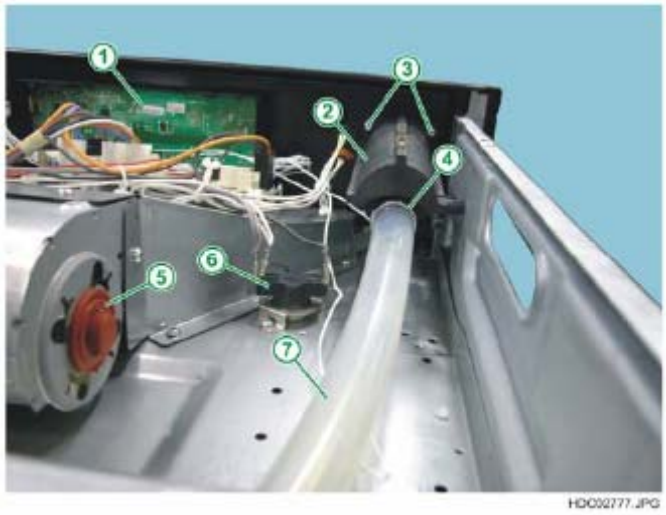
2 - Release the water fill pipe retainer clamp and slide the pipe off (see Fig. 264).

3 - Unscrew the water filler drawer assembly fixing screws (see Fig. 264).

4 - Extract the water filler drawer assembly from inside the oven.

Fig. 264

1 - CONTROL UNIT - KRONOS
2 - WATER FILLER DRAWER
3 - FIXING SCREWS - DRAWER
4 - RETAINER CLAMP - WATER FILL PIPE
5 - TANGENTIAL FAN
6 - SAFETY THERMOSTAT
7 - WATER FILL PIPE

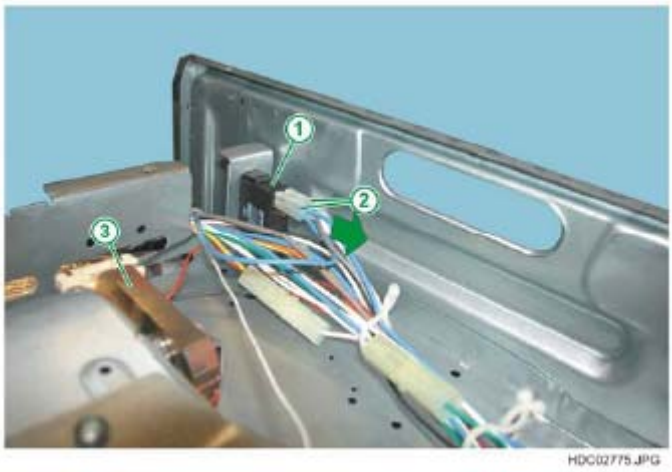


To remove the steam supply relay, proceed as follows:

1 - Detach the connection wires, marking their position.

Fig. 265

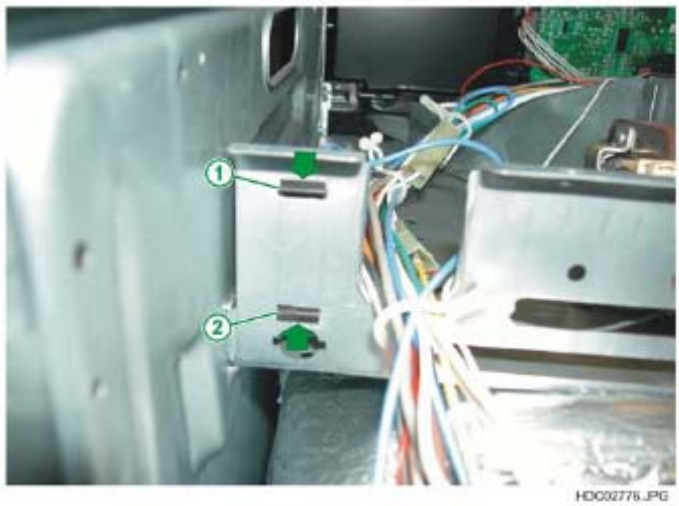
1 - STEAM SUPPLY RELAY
2 - ELECTRICAL CONNECTIONS TO RELAY
3 - TANGENTIAL FAN MOTOR



2 - Release the relay anchor tabs from the support fixing bracket (see Fig. 266).

Fig. 266

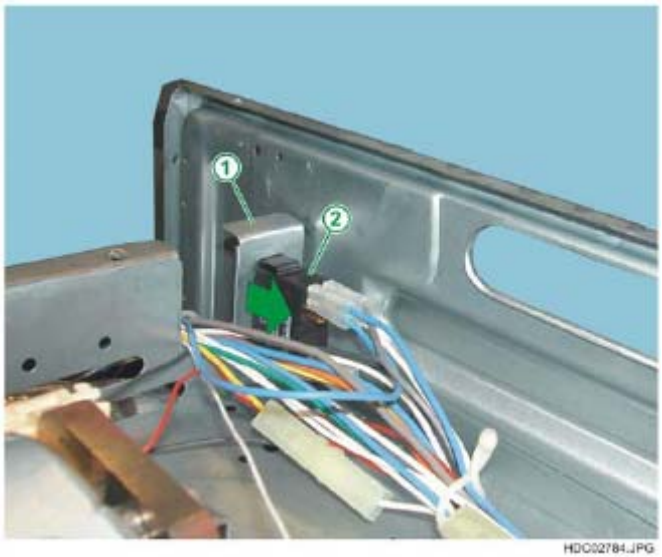
1 - FLEXIBLE ANCHOR TAB
2 - FIXED ANCHOR TAB



2 - Extract the relay from the front of the oven (see Fig. 267).

Fig. 267

1 - RELAY FIXING BRACKET
2 - STEAM SUPPLY RELAY



3.6 - WATER DRAIN VALVE

To access the water drain valve, proceed as follows:

1 - Detach the silicone connection from the water drain pipe, by releasing the retainer clamp.

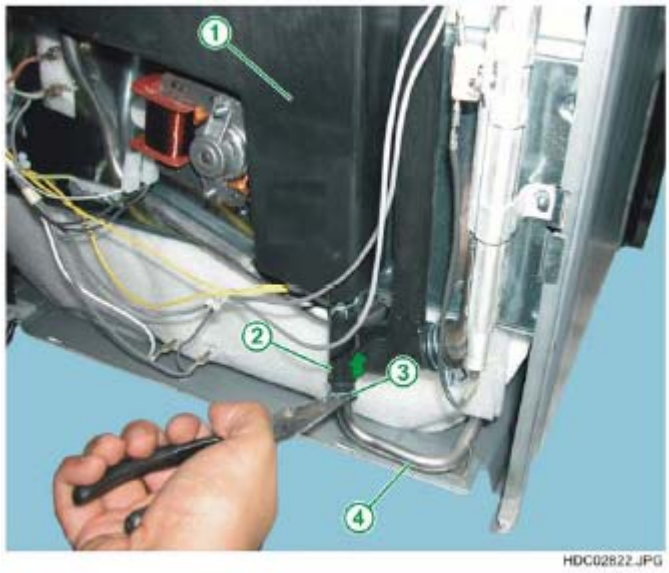


Fig. 268

1 - WATER TANK
2 - SILICONE CONNECTION -
3 - FIXING CLAMP -
SILICONE CONNECTION -
WATER DRAIN PIPE
4 - WATER DRAIN PIPE

2 - Unscrew the 2 water drain pipe fixing screws (see Fig. 269)

Fig. 269

1 - WATER DRAIN PIPE
REAR FIXING SCREW
2 - WATER DRAIN PIPE
FRONT FIXING SCREW
3 - TORX SCREWDRIVER
4 - BOTTOM OF THE OVEN

3 - Extract the water drain pipe from the rear of the oven.

4 - Remove the oven front panel as illustrated in the Manual entitled "Access to the Access structure"

5 - Detach the drain valve from the front panel by turning it clockwise (see Fig. 270 and 271).

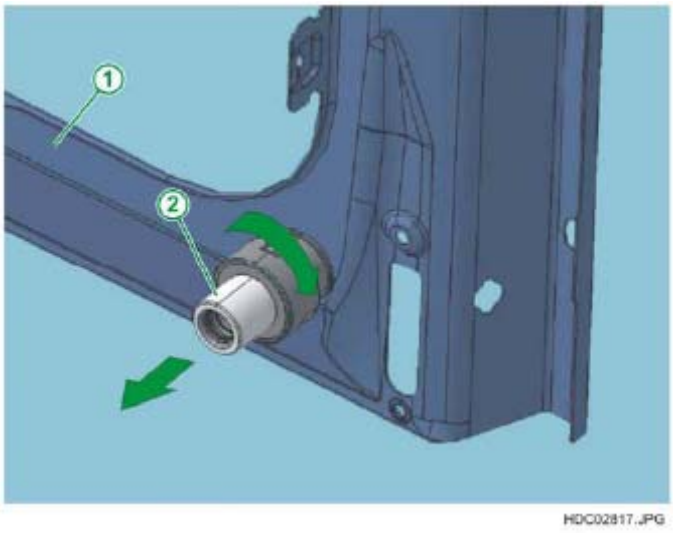


Fig. 270

1 - OVEN FRONT PANEL
2 - WATER DRAIN VALVE

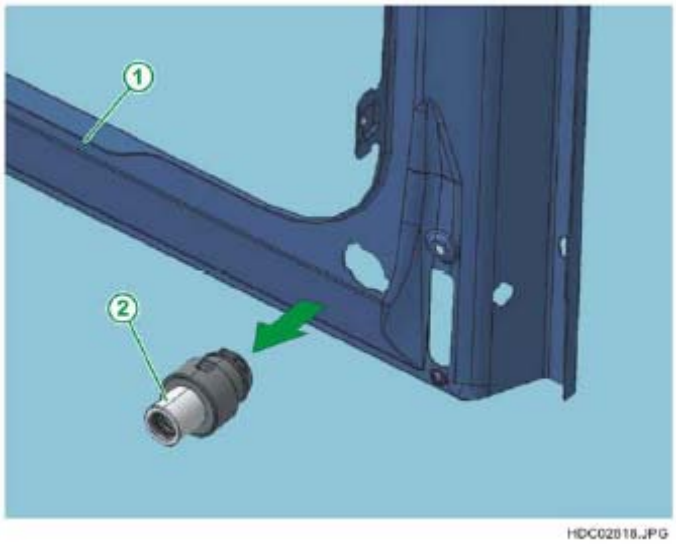


Fig. 271

1 - OVEN FRONT PANEL
2 - WATER DRAIN VALVE

To reposition the water drain valve:

1 - Insert the valve in the front panel and turn it to hook it in place (see Fig. 272 and 273)

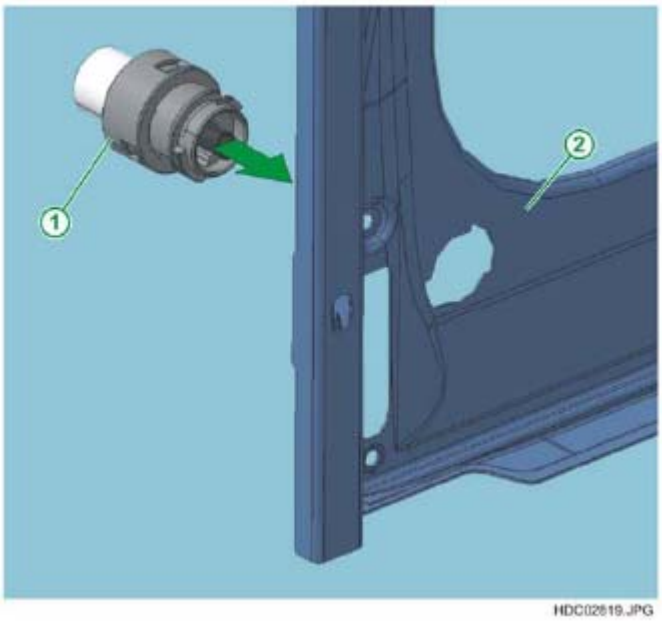


Fig. 272

1 - WATER DRAIN VALVE
2 - OVEN FRONT PANEL

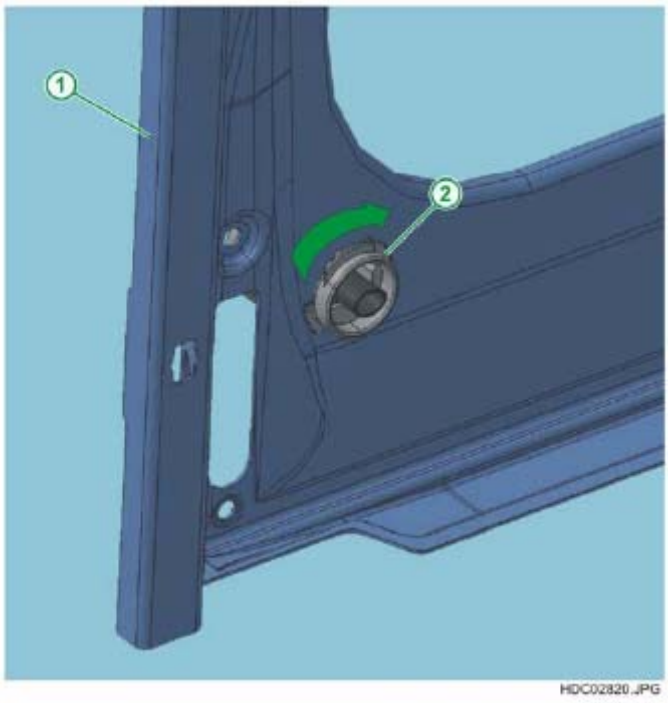


Fig. 273

1 - OVEN FRONT PANEL
2 - WATER DRAIN VALVE

2 - Reposition the oven front panel.

3 - Reposition the water drain pipe.

4 - Reconnect the silicone connection to the water drain pipe, by releasing the retainer clamp.

3.7 - ACCESSING THE TEMPERATURE SENSOR IN ELECTRONIC MODELS

In electronic models, in order to access the temperature control sensor, proceed as follows:

1 - Remove the tank + steam generator assembly as illustrated in chapter 3.1.

2 - Detach the connection connector from the temperature sensor.

3 - Unscrew the fixing screws on the sensor.

4 - Extract the sensor from its housing.

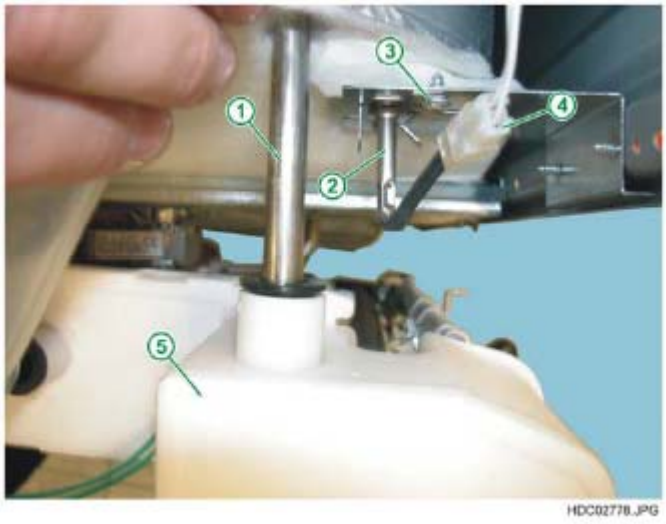


Fig. 274

1 - STEAM OUTLET PIPE
2 - TEMPERATURE SENSOR PT500
3 - FIXING SCREW FOR THE SENSOR
4 - TEMPERATURE SENSOR CONNECTION CONNECTOR
5 - EXPANSION CHAMBER

3.8 - ACCESSING THE CONVECTION FAN

To remove the convection fan with snap-on joint:

1 - Remove the tank + steam generator assembly as illustrated in chapter 3.1.

2 - Push the motor anchor tab using a screwdriver (see Fig. 275).

3 - Turn the motor clockwise and extract it (see Fig. 276 and 277)

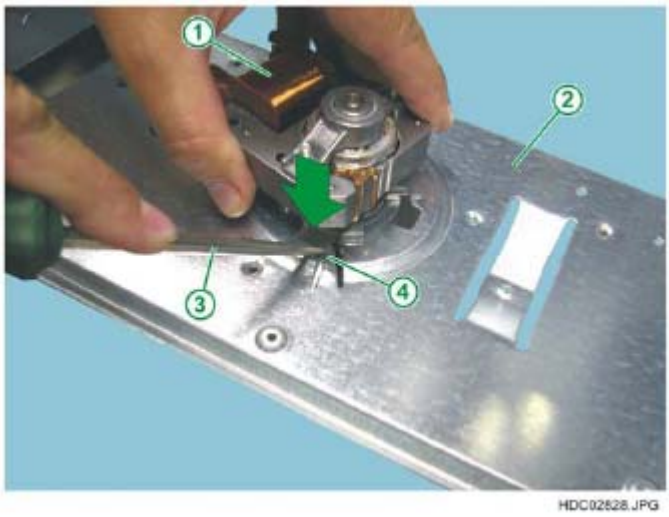


Fig. 275

1 - CONVECTION FAN MOTOR
2 - MOTOR SUPPORT BRACKET POSITIONED AT THE REAR OF THE OVEN
3 - PHILIPS SCREWDRIVER
4 - ANCHOR TAB

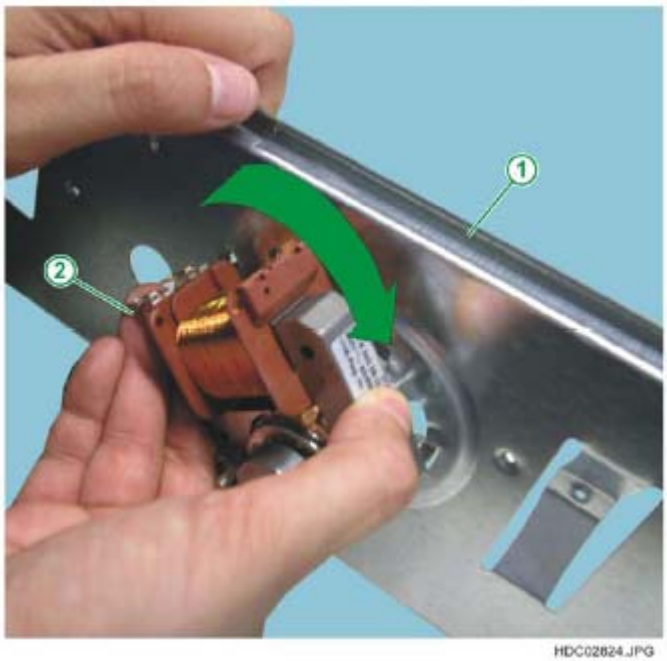


Fig. 276

1 - MOTOR SUPPORT BRACKET POSITIONED AT THE REAR OF THE OVEN
2 - CONVECTION FAN MOTOR

Fig. 277

1 - MOTOR SUPPORT BRACKET POSITIONED AT THE REAR OF THE OVEN
2 - CONVECTION FAN MOTOR

To reposition the convection fan with snap-on joint:

1 - Reposition the anchor tab correctly, lifting it slightly with a Philips screwdriver (see Fig. 278).

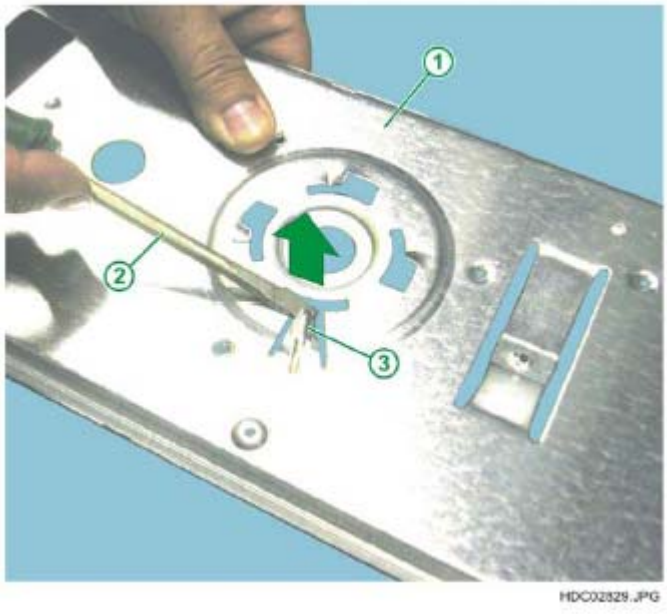


Fig. 278

1 - MOTOR SUPPORT BRACKET POSITIONED AT THE REAR OF THE OVEN
2 - PHILIPS SCREWDRIVER
3 - ANCHOR TAB

2 - Insert the motor into the motor support bracket matching the motor tabs to the fixing apertures (see Fig. 279).

Fig. 279

1 - MOTOR SUPPORT BRACKET POSITIONED AT THE REAR OF THE OVEN
2 - CONVECTION FAN MOTOR

3 - Turn the motor anti-clockwise to secure it in place (see Fig. 280).

Fig. 280

1 - MOTOR SUPPORT BRACKET POSITIONED AT THE REAR OF THE OVEN
2 - CONVECTION FAN MOTOR

4 - Reposition the tank + steam generator assembly.

4 - ELECTRONIC GAS OVENS

To remove the oven from its built-in compartment and disconnect it from the power supply, please refer to chapters 2.1 and 2.2.

4.1 - REMOVING THE CONTROL PANEL

In order to remove the control panel (front panel), firstly remove the upper panel (see chapter 2.6):

1. Remove the two screws which secure the control panel assembly in place (see Fig. 281).

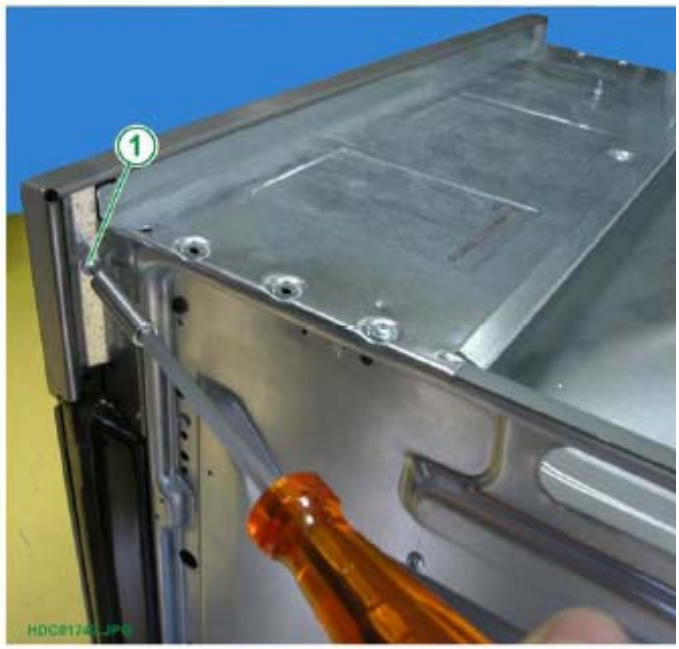


Fig. 281

1 - FIXING SCREW
FOR FRONT PANEL
(ONE ON EACH SIDE).

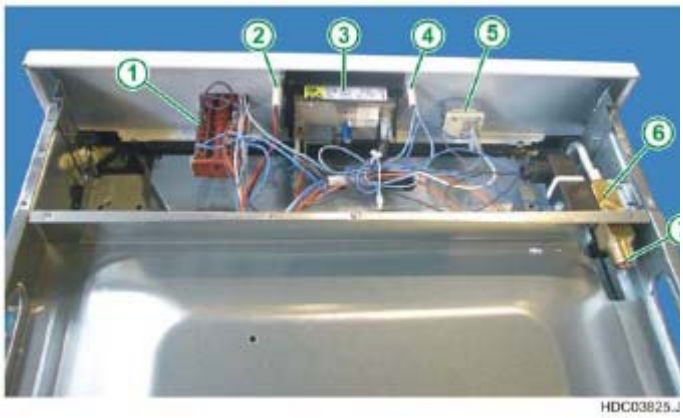


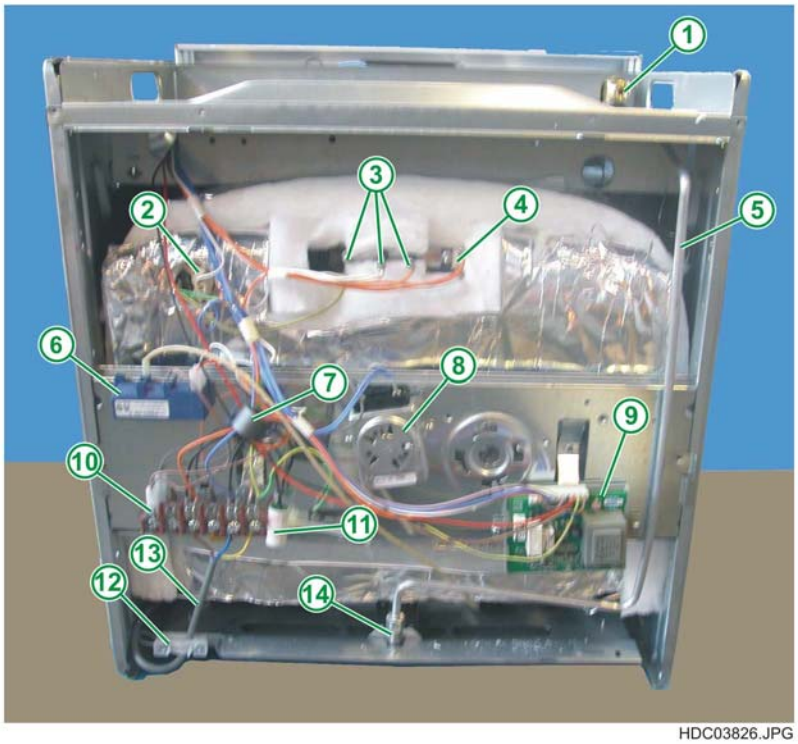
Fig. 282

1 - FUNCTION SELECTOR
2 - ON-OFF INDICATOR LIGHT
3 - ELECTRONIC PROGRAMMER
4 - THERMOSTAT INDICATOR LIGHT
5 - OVEN THERMOSTAT
6 - SOLENOID VALVE ASSEMBLY
7 - GAS INLET

N.B.: From January 2010 (serial number **001….**) access to the top of the oven has improved thanks to the progressive introduction of a new one-piece top oven cover (see chapter 2.6.1).

4.2 - REMOVING THE REAR PANEL (various components and lampholder)

In order to remove the rear panel, simply remove the two upper screws.
Once the rear panel has been removed, the following components are accessible: the lampholder, the grill heating element, the ignitor, the spit motor, the electronic board, the nozzle support and the terminal board with cable clamp.



HDC03826.JPG

Fig. 283

1 - GAS INLET
2 - LAMPHOLDER
3 - GRILL HEATING ELEMENT
4 - SAFETY THERMOSTAT
5 - GAS SUPPLY PIPE
6 - IGNITOR
7 - INTERFERENCE SHIELDING MAGNET
8 - SPIT MOTOR
9 - ELECTRONIC BOARD
10 - TERMINAL BOARD
11 - INTERFERENCE FILTER
12 - CABLE CLAMP
13 - CONNECTOR CABLE
14 - GAS NOZZLE SUPPORT

4.2.1 - REMOVING THE TERMINAL BOARD

To remove the terminal board, once you have removed the rear panel, please refer to chapter 2.4.4.

4.2.2 - REMOVING THE GRILL HEATING ELEMENT

To remove the grill heating element, once you have removed the rear panel, please refer to chapter 2.4.5.

4.2.3 - REMOVING THE SPIT MOTOR

To remove the spit motor, once you have removed the rear panel, please refer to chapter 2.4.7.

4.2.4 - UPPER PANELS (control components and boards)

There are two panels in the upper part.
A panel to access the electronic boards and the control components and a larger panel that covers the tangential cooling fan.

4.2.6.1 - UPPER PANEL (control components and boards)

Once the upper panel has been removed, you can access the control components (oven thermostat, function selector, electronic programmer, indicator lights, etc.)

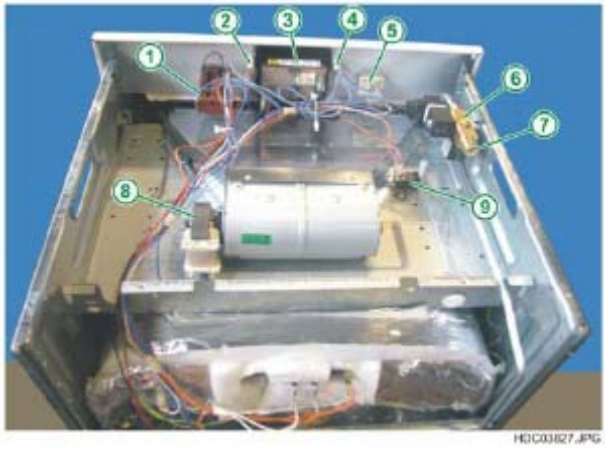
1. Unfasten the 3 fixing screws on the upper panel

Fig. 284

Upper panel fixing screws

Fig. 285

1 - FUNCTION SELECTOR
2 - ON-OFF INDICATOR LIGHT
3 - ELECTRONIC PROGRAMMER
4 - THERMOSTAT INDICATOR LIGHT
5 - OVEN THERMOSTAT
6 - SOLENOID VALVE ASSEMBLY
7 - GAS INLET
8 - TANGENTIAL FAN
9 - SAFETY THERMOSTAT



When removing a control component: oven thermostat, function selector, end-of-cooking programmer, indicator lights, etc.

1. Remove the control panel front panel (see chapter 4.1).
2. Detach the connection wires of the component, marking their position.
3. Remove the fixing screws of the component (see chapter 2.3.1).
4. Remove the component.

N.B.: From January 2010 (serial number **001….**) access to the top of the oven has improved thanks to the progressive introduction of a new one-piece top oven cover (see chapter 2.6.1).

4.2.5 - REMOVING THE GAS SOLENOID VALVE ASSEMBLY

To remove the gas solenoid valve assembly:

1. Remove the upper panels (see chapter 4.2.6).
2. Detach the wires from the solenoid valve assembly (see Fig. 286).
3. Unscrew the gas supply hose fixing nut (see Fig. 286).
4. Unfasten the gas solenoid valve assembly fixing screws (see Fig. 287).
5. Extract the solenoid valve assembly

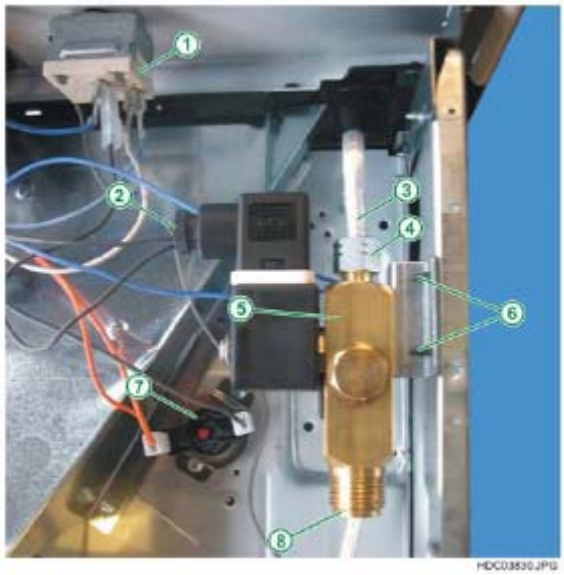


Fig. 286

1 - OVEN THERMOSTAT
2 - CONNECTOR WIRES FOR SOLENOID VALVE ASSEMBLY
3 - GAS SUPPLY PIPE
4 - GAS PIPE FIXING NUT
5 - SOLENOID VALVE ASSEMBLY
6 - SOLENOID VALVE ASSEMBLY FIXING SCREWS
7 - SAFETY THERMOSTAT
8 - GAS INLET

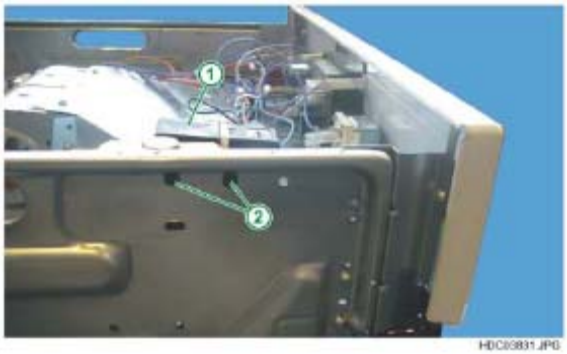


Fig. 287

1 - SOLENOID VALVE ASSEMBLY
2 - FIXING SCREWS

4.3 - REMOVING THE OVEN BURNER

To remove the oven burner:

1. Open the oven door.
2. Remove the cover from the bottom of the oven.
3. Unfasten the burner fixing screws (see Fig. 288).
4. Extract the burner, avoiding any stress on the connector cable to the spark plug.
5. Unscrew the spark plug support.

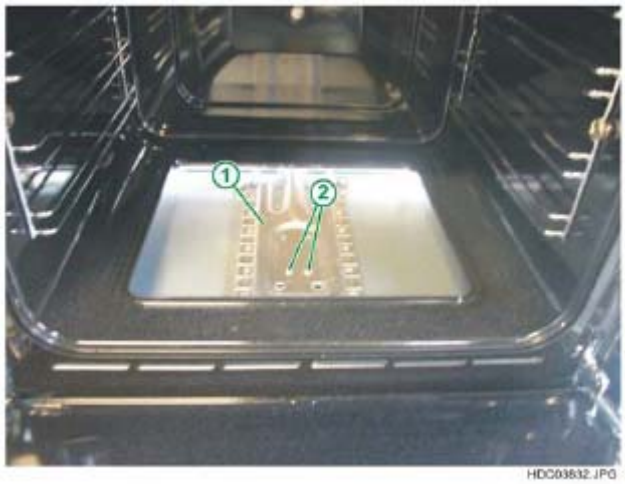


Fig. 288

1 - OVEN BURNER
2 - FIXING SCREWS

4.4 - REMOVING THE OVEN BURNER NOZZLE

To remove the oven burner nozzle:

1. Remove the oven burner (see chapter 4.3).
2. Using the purpose-provided 7 mm spanner, unscrew the nozzle secured to the nozzle support (see Fig. 289).

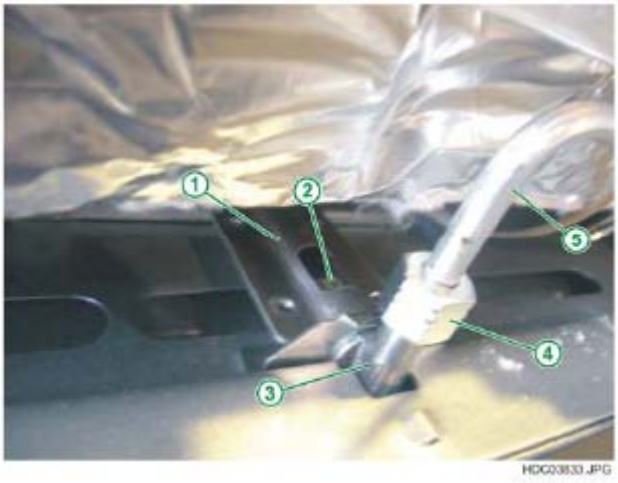


Fig. 289

1 - OVEN BURNER
2 - NOZZLE
3 - NOZZLE SUPPORT
4 - GAS PIPE FIXING NUT
5 - GAS SUPPLY PIPE

5 - ORGANISATION OF ACCESS PLUS SERVICE MANUALS

In view of the quantity of theoretical, technical and practical information regarding the various combinations for the structure of the ACCESS PLUS/KRONOS system, this information has been subdivided into Service Manuals describing the general concepts, and separate Service Manuals containing specific information regarding each group of appliances.
Only the specific Service Manuals should be used for a specific appliance.

The various Service Manuals are as shown in the diagram below.

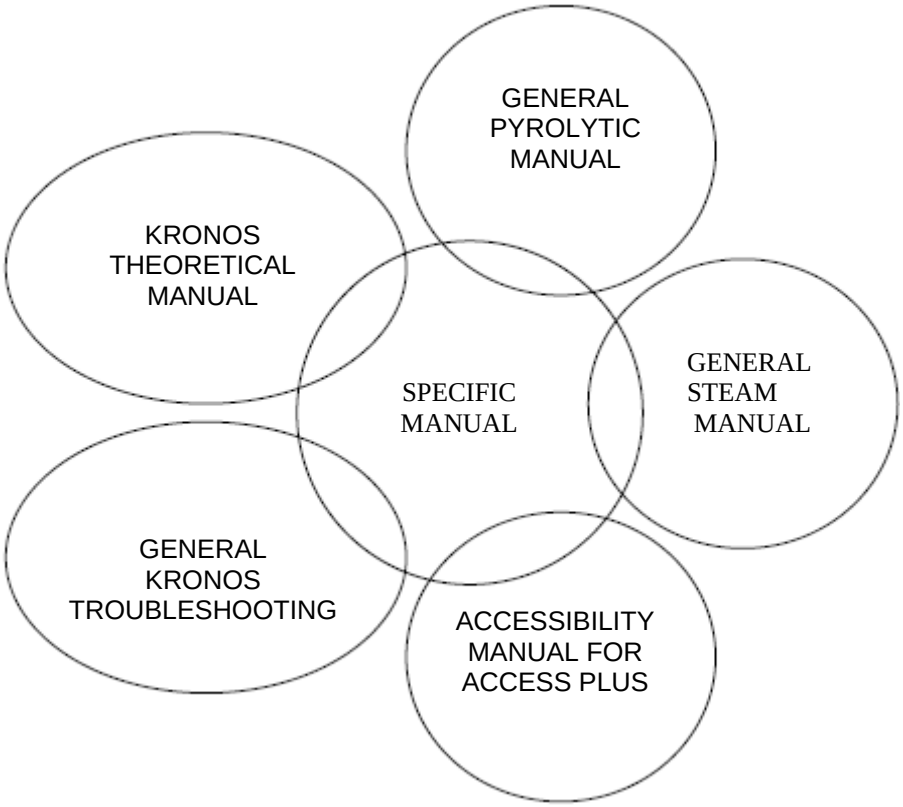


Fig. 290

6 - REVISIONS

REVISION	DATE	
01	09/2008	- Added Chapter 2.4.9 - REMOVING THE CONVECTION FAN WITH SNAP-ON JOINT on page 32.
02	02/2010	- Amended Chapter 2.12 - ADJUSTING THE "HINGED" DOOR ALIGNMENT on pages 93-97.. - Corrected Chapter 2.14 - THERMAL GLAZING on page 99. - Added Chapter 2.6.1 - NEW ONE-PIECE OVEN COVER. - Added note on pages 6, 19, 41, 43, 44, 45, 46, 47, 48, 49, 50, 51, 135 and 137. - Added Chapter 3 - STEAM OVENS and 4 - ELECTRONIC GAS OVENS. - Corrected description of position 4 figure 48 page 25 - Corrected description of position 3 and 4 figure 76 page 39 - Corrected description of position 2 figure 87 page 44 - Corrected description of position 3 figure 131 page 68 - Amended figure 166 page 81 - Added Chapter 2.6.3.2 NEW METAL TANGENTIAL FAN INSTEAD OF THE ONE WITH THE PLASTIC BODY.